Arty facts

Nudge, undge . . .

Brufford council decided on Thes-day to give the £30,000 in the "number slack" this year to their fuel efficiency unit. That unit has minuted brought the Council fuel savings of £702,000 a year on a lotal bill of around £4m and still greater things are honed of it.

Tirls may all sound like gobblede-gook. It is in fact corporate nanagement at work.

Brodford's chief executive, Gordon Moore, has a liking for Gurdent Moore, has a liking far authorizancrotic phroses to describe baring things like finance and productivity. "The corporate polydescribing the council's available unney is one, "the audge" and consequently "the audge slack" is another. The "nudge" is a list of priority projects which the Canacil wishes to hudge nearor to fulfillment with whatever rovenue is available. The "andge slack" is the money that may be left over in ony one year because. for example, year becomes for example, ling delays or lower interest clinings have produced savings. That maney goes for one-off pro-fees from omatier priority list which will not involve recurring

The result is a very motiley list ranging from such major long-term taupers as limiting two new schools to whoor things like moving Weke-field Road Libary to Fairfax Junior School. There is slock in the notice this year because the pro-gramme is new and delays to build in a starts one have allowed it in develop.

Maney to put juto the midge comes from two sources, often inextricably entangled. It can come from efficiency savings, that is providing the same service for less maney, in from changes in policy, like ilectiling to close little-used public conveniences, (Brodford has closed 30 out of 160). Such savings are discavered by what are known as "baseline sourchos".

But Brailford, as ell the world must know—and in fairness their most enthushistic corporate planners do not sook to deny it—has had his difficulties with corporate together news. Which committee will enthusinstically aearch for potential savings if the trults of thoir labours go to burst the pet project of another department?

Mr. Robert J. Tarr, corporate planning conrelies very guardedly that "pechaps they have not played things in quite the right woy". They are now preparing to review the system whereby it pechaps they have sent savings go one third to the thought about life on the beat, sent savings go one third to the system whereby is proposed to improve their inage in schools, and it has nothing to do will be easily the culture in the area is Juvenile crime. If children are ranched young, it will be easily to their when the system whereby it pechaps they have and it has nothing to do will be easily to the children are ranched young, it will be easily to their inage in schools, and it has nothing to do will be easily to the children are ranched young, it will be easily to their inage in schools, and it has nothing to do will be easily to the children are ranched young, it will be easily to take to them when they reach secondary school and stury getting into trouble.

Crossword No 1.115

on the marcu (5, 8).

11 Whman's shert perloud before night (3).

12 Mr Packer's team
will not play for
them (5).

13 11 fewer (3).

6).

6).

14 Own
the marcu (5, 8).

6).

15 or the marcu (5, 8).

6).

16 or the play
to the play
to the play
t

O

panel who find the saving, e.g. schools or further education, one third to the committee ander which the pintel works, e.g. education, and one third for general redistribution. "TVe will probably recommend that if a panel saves money it should keep it but the council should bear this in mond when it is allocating

So far the council has conducted 35 of these baseline efficiency searches—often provoking hostility because they involve outsiders combing over specialist patrics, Monitoring the return on time and energy expended is another area in need of examination, Mr Tarr says.

Ordered to bed

lt has been an eveniful week for Namoun St John-Stevas, chief Couservative education spokesman, Conservative education spokesman.

Not only is his compachensive pamphlet our (see page 6) but he has also just been made a Knight Grand Cross of the Order of St Lazurus of Jerusalem in grateful recognition of the help he has given to Britain's maly leper colony which bappens to be in his constituency.

Not content with picking up the parchiment and regulin for this award, he is oow also a Commandatore of the Order of Merit of the Italian Republic.

These decorations are the highest In their respective fields. Previously Norman was a more Knight (without a Grand Cross) and a Cavallore OM. Now he has even better sashes, ribbons and badges to go with the other chains of office essociated with his membership of Les Amis de Napoléon III and the Académio du Second Empire.

But where does he wear all this baroque body familiare? "Oh, in bod, of rourse." So says one who puts sleeping among recreations listed in Who's Who.

Dad in uniform



Mr David McNee Commissioner of the Metropoliton Police, listens

3 Try us, if you like but we're out of practice (5).
4 War memoriuls usually standardized (6,

5 Their takings do not conform to io-law's principles | 7).
6 One of those wim spoke for a more comfortable job (5].
7 When the outlook brightens regularly (5, 2, 3].
8 This, by the way, is irrelevant (10].
12 Those who look so cannot see straight (7).

ACTOSS

14 Produce to dying in the lest disch? (5, 2, 2, 2, 3, 3).

1 John Barleycorn's sister perhaps (5, 6].

1 I John Barleycorn's sister perhaps (5, 6].

1 I John Barleycorn's sister perhaps (5, 6].

1 I A school dentist haust include it (5).

1 A school dentist haust include it (5).

18 Payment for o form of dopo not writhstanding (7).

19 Honte putch for a control on the march (5, 8].

10 Rejoiding for a aculation on the march (5, 8].

11 White you shall the solution to Puzzle No is you casting station had him on call (5].

18 Poster in mo as 1 and 10 post in these deeds relate to the solution of the putch for a man on the march (5, 8].

19 You competitors in these might find themselves dry. (5, 6).

10 Rejoiding for a aculation had him on call (5).

10 Rejoiding for a aculation had him on call (5).

11 White you shall him on call (5).

12 A school dentist haust include it (5).

13 When you shall him on call (5).

14 Post of the first had him on call (5).

15 When you shall him on call (5).

16 Declination had him on call (5).

17 A school dentist haust include it (5).

18 Post of deeds relate to the first haust include it (5).

19 Honte in the lest disch? (5, 2, 2).

10 Honte perhaps (5, 6].

11 When you shall him on call (5).

11 When you shall him on call (5).

12 A school dentist haust include it (5).

13 A school dentist haust include it (5).

14 Post of deeds relate to the first haust include it (5).

15 When you shall him on call (5).

16 Dec Lived Lived Lived him on call (5).

16 Dec Lived Lived him on call (5).

17 A school dentist haust include it (5).

18 When you shall him on call (5).

19 Lived Lived Lived Lived him on call (5).

10 Lived Lived Lived Lived him on call (5).

10 When you shall him on call (5).

11 When you shall him on call (5).

12 Lived Lived Lived Lived Lived Lived him on call (5).

18 When you shall him on call (5).

2 Go In, or out, for the Discovery (7)

Balancing act

How the BBC Preserved his Famous Balance, chapter 94. After the press conference to homely his well-thennemed critique of the Black Papers, Progress in Falocation,* Nigel Wright told Aristides how he nearly did not appear car-lier has week on the Tonight pro-

It seems that, having agreed to diarns his bank on the programme, he was planted back by a research

The course is fire the shown the progression of the training in 120 schools since shown the progression and the training in 120 schools since shown the progression of the training in 120 schools since shown the progression of the training in 120 schools for some time now but the producer was more in favour of the training in 120 schools since shown the progression of the training in 120 schools since shown the progression of the training in 120 schools since shown the progression of the training in 120 schools since shown the progression of the training in 120 schools since shown the progression of the producer was more in favour of the p

Schant list week.

There was the Commissioner of Meropolitan Police, Mr David McNee, talking heartily to the children and explaining to us: "We are listle by the make: that traditional methods were not method to method the examination results were making the examinations were getting easier. So at best were policy as a state of the commission of the co proving because the examinations. The Lyric is intended for proper were getting easier. So at least simual use, so onless Riveying had by all.

In the a government of country in the a government of the comment.

reu and explaining to us: "We are thought of os separate but we are part of the rounnarity. Palice are the public and the public ner the police. If we do not have this relationship, we have the wrong kind of society".

Then there was the school's home bear officer, PC Mike Grann, who has so impressed the school and its head star they have bear out less mane. * Published by Crumin Helm, 16 50; two arts centres within one borough

the public and the public are the public are the public and the public are the public are the public and the public are the pu

In college uffuirs the results are usually not dispersions... Start, in your aim of gaining experience of

for being delayed until he has prepared the ground sufficiently.

White: A. Miles. Black: J. Chavos. English Opening. The conduct of ettack end defence In chess strategy and tactics, Every player, be he aniateur or master, must be concorned with attack and The ert of attack is easier to understand and undertake than that of defeuce. We all prefer to be on the attacking rather than on the defending side. It follows that it is paster to master attacking them defensive methods. Defence is difficult, by chologically speeding and hence as to the true nature of a defensive present of a defensive plant. To put It in its simplest terms, the right way to defend is to counter-attack. By tile I do not meen that you should et once embark on an attack when you have the black pieces and the opponent is himself is anothing an attack. But you should so lay your plans and so dispose your pieces that, after the preparation, you can go over to the counter-attack.

(a) Encouraging Black to make the ensuing advance; the more restrained 4 P-Q3 yields Black less: opportunity for counter-attack.

(h) Looks natural enough; but the Knigin le only well placed here if White can get in an early P-33. He never manages in do this, so preferable seems 5 Kt-KK15 with the idea of eventually going to KB4 via KR3. An excellent example is the following game which was played in the City of Sto Poulo international tournament this year. Both White and Black plan at attack; but White does it without due preparation and Black, after placing his pieces in a strong defensive position, goes over

course of the mame, the flanchet-toling of the KB fie, placing it on the long disgonal is most effective.

Lucy Hodges examines the changing states of consecu-cultural hat Jon Player visits a Buddhis numestery to Cumbria.

(k) Or 23 Q-Kc2, RxBl

(l) This loses quickly but so Happy Christman, Fartence."

(a) This loses quickly but so Happy Christman, Fartence."

(m) Because of 25 RtB, 18

(m) Because of 25 RtB, 18

(m) Because of 36 RtB, 18

(m) Because of 38

(m) COMMINICAL

(can a trictle and

Harry Golomb

THE TIMES romaing affinirs, by folding on the rullege sucheties. Any so will do ... there is a good of the said for laining a society is background by stronge to see with whorse aims you are not liar or not in sytapathy. Is for society you can keep a for determined multiple, and your earliest of the brushened The first published by Macmillan at its published by Macmillan at

des the race relations people and the equal apportunihis people. The National Executive spent four hours

"I met o young teacher with a Scale 2 post working

"Not if you know the buly, Ma'am." What also is there, Furtesone ? It can't all he as bad

"Wells there's a skytch called No French Without lers, based on the NFER study. The Assessment of Pelormance Unit people have dramatized their sexthis first of all Walts should get be the King Into safety by 8 O.C. There's a messact play by Harold Pinter called The King Into safety by 8 O.C. Great Debate. Staff on secondonent in the Schools reply: principles for words have played 14 O.C. which are produced to the country of the count

the enemy Ref. sould not be learned to do anything the enemy designate.

After a cope of action is a like to the process and eventually in the process and eventually in the process and eventually in the process in the attack throat the process of the p

Con a meteorolegical society has started? Yes, if there is high magrips, and a se where found willing to take characters. had merge, with a reacher found enthing to re-last upo fished giving time chand connell columns, and



will remember her words of wisdom? Lucy Hadges on consumer education, page 10.

Taxing Scientology

The Scientologists have lost the first rannol in a lostle to have their educational artivitles exempted fine VAT. But they are not down-heartest and plan to appual.

Top Japs

lapanese secondary school children are twice as good inpanese secondary school-children are twice as gond at maths as those in Western Europe, where standaeds, pacicularly in Beltain and Germony, have dropped in the last 10 years. The Japanese success cale goes along with a centrally imposed curriculum, strict illscipling ond rate learning. Patricle Rowan reports on new integrational research our for a BBC programme this week page 3

New Year resolution

All-ins all in

Comprehensive tenchers are exhausted and need to be left alone to settle down. Ministers said at the nath nat conference on comprehensive schooling in York. page 5

Happy with Mum

At least a third of all 24-year-old lachelors still live at home; 8 per cent of children go in school by blko; these ond more in the letest issue of Social Trends, the Government's annual compendium of social statistica page 6

Away from it all Jan Player visits a Buddhist monastery lo Cumbria.

Fear to believe Killy Mrosovsky writes about Tolstoy end Turgenev pago 12

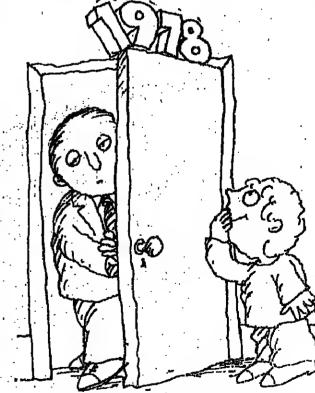
Local authorities which do ant spend conugh on education will be life by Industrial action by January, warns the National Association of Women Teachers page 4

The jobless bloc feven million young people in the Western conotries now have little to lose but their fole. Bur governments show few signs of unining to help rhem. A tepict on the Paris conference any youth unymployment.

Page 4

Leaders, 2; Sport, 7; foreign news, 8; Letters, 9; features, news, 8; Lett

Happy Christmas, but ...



... will you survive next year?

A personality test for those who want to succeed in education (and even those who don't) The minimum of the second of t

di 1110 5 NEWSPAPERS LIMITAD. 1977. Printed and Published by Times Newspapers Limited at New Printing House Square, Gray's Bay Hoad, London Wills, Ell. Product. Printy, December 15, 1977. Univisited as a superson of the Boundary part of the New Acres, Control of the Printing House South as New Acres, London Wills, Ell. Product. Printing December 15, 1977. Univisited as a superson of the Printing House South as New Acres, London Wills, Ell. Product. Printing House South as New Acres, London Wills, Ell. Product. Printing House South as New Acres, London Wills, Ell. Product. Printing House South as New Acres, London Wills, Ell. Product. Printing House South as New Acres, London Wills, Ell. Product. Printing House South as New Acres, London Wills, Ell. Product.

Chess

Counter-attack and not Defence

defence in every gamo,

constitute the two basic elements

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The way we live now

already rummoging among his rub-ber stamps for the nue engraved Disupprove." But when he then finds that the latest volume of Social Trents from the Government statisticions comes in o deep Tribone-red cover and, worse, hears the outling of a confident, smiling tecuage comple, houd-in-hend, uni-clad (in bloc, it just has to be) there is only one reaction, that of gloomy foreboding. The olready-mode-up colled usually

flods what it woots to when it starts flicking through pages. "Crime: in almost all ege groups and both sexes there was on increase in the number of parsons found guilty over the years shown." Exactly, Just what we knew, anyway. And what's this who the sexually tronamitted diseases?
More then twice the nunther of coses among males and four times the number ontoke femoles compared with 10 years ago.

their elders have been, the number of boys under 21 convicted last year fell compared with 1975. And their girlfriends were no naughtier as far as indictable affences were concerreed.

Hmni. Enough there to make the hand poised on the rubber stamp heshote. Porhaps news of other trends is bearable. Well, there are half us many agein glrl guides and twice os many brownies as there were a few years aga—from a smaller nopulation, too—though how that sweet little woodland millorn of yesterdoy was transformed into the disaffected denim of today the statisticions do not tell us.

But they do tell us that half the youngsters like the comple on the front cover will be married by the time she is 22 and he 25. And when that happens he will start front cover will be married by the time she is 22 and he 25. And when that happens he will start spending four times less on drink theo ho did when single and she will boy only half os many pairs of shoes.

What hove we been snying, what Before long she will hove the have we been telling them? Votes, two children the statisticians have Before Inng she will have the plants and permissiveness at 18, what do they expect?

I hold on. When the cynical flicker-through stops of the crime page long enough to stody it, the statistics diverse statistics catch them, at

ombrella.

Thia, alone, is a step forward.
It was Dr Harry Judgo some years ago who compoigned ogolust the purists who are olways would tuput the prafix "true" or "real" in front of their porticulue brand of comprehensive perticulue. comprehensiveness, rather os schis-motic rheologians seek to prove their own election by hunting out

to a public eoger for simple save-relgn remedies and angered by the messioess at reol life? Logically it should strengthen the case for the easter to get this development in-service training over more heresy lu nthers.

Bot, as Dr Alao Littla (who was tions of the Green Paper.

Harry Rée on the difficulties comprehensive heads face no

We are probably passing through the coast difficult period in the coast difficult period in the short history of the comprehensive shoul. Only a few schools have been after the coast of the comprehensive shoul. Only a few schools have been after to design the coast of the coast

But in the grammar, as in was hardly foreseen when comprehansives were formed. We knew we would be faced with special difficulties when trying to well two or even three previously separate groups of pupils tegether; on the whola this has been dealt with rother well. We knew plot staff coming frum different schools might was formed which influenced the way when have way in which even the P stream was the land as manager by the land as m The comprehensive conference at York provided an opportunity for a group of education committees, and union leaders no spend wo days showly all un there is no straight path to heavon or held, single path to heavon or held, single-site schools, mixed of hilling refrain of cumules, single-site schools, mixed of hilling refrain of cumules, hald their confident exponents, Nono could claim any monopoly of roth onder the comprehensive combrella.

Will be conference in the mixed of the comprehensive of the work of the base of the heavon or held. The comprehensive of the work of the base of the heavon or held, some of the rot way in which even the E stream was formed which there are complaced in manager by the heavon or held in the results of the heavon or held in the h

heaks. Each tradition was formed by, and can be explained by, the widely different circumstances in which they flourished.

The Hoord School teachers woro usually faced by large classes of "pressed" pupils, they were classes of "pressed" pupils, they were classes of "nasters of inclind". They were prepared of pupil teachors, under master-teachers, and often in insula-

social distance which was midlsguised.

Therefore and a lieuds may try to grade to
divide, or to bring the may guised.

Closer together. This is contained. task, and when inspectory der

five schools-enlive unu selective un fre schools—entire in a selective in regresenting an overage cruss-scion—and a animum of Mil children were chosen in each control that the cook part in the maths rest.

With 2,500 papers altogether, the mults cannot have been as accurate thing cannot have been as a within 5 per cent, rather than I per cent, awarding to the NFERs, but they are much more up to thete. Most of the testing was done in spring of the Japanese, who have come The Japanese, who have come comparatively recently to Western make, were alread of the field in 1954 with an average stage of 54 percent. Now they have shot up to I per cent tasks hopers their children three years already, while the Eaglish and Welch have disped from to per cent to 11 percent lands the same as the rest of Western Employ. The West Centum Samper. The West Centum Samper, and 50 per cent to 21 percent. ten hat in comprehensive that A new outl more embraching mi-tion will develop in the suffice and heads will become genuise pumers in a collective enterprise, will no imager have to be a they may not even have to go hom 30 per cent to /1 per reut. The programme shows how

Justiese achieve their to sults. Not only is there a central syllahus laid Harry Rele is a teacher at Woodk om by their Ministry of Faluca on, which says that our lesson ut or must be mustles on science, but

he emphasis is heavily on formal karning by rose and drill, strict discipline and last no-mal calcula-

International Achieve-

ridence on how our secondary

oner countries.

The seven countries tested were England and Wales, Scottland, Denner, the United States, West German, France and Japan. Faur or

other countries.

While Japanese children make great strides in maths, the British fall behind. Patricia Rowan

school in a Tokyo volanch, where there origin he 45 pupils in a class and a check in hair length to stort the day—showed eight-year-olds changing their multiplication tubles.

They got the answers right and seemed to find it a giggle, though the film shows that the educational rat-race storts before Japonese children are out of kindergarien.

One in five attends a crummer Ms. Robyo Wallis, the pro-grame's producer, sought to cut brough the hot uir of the Prime Bister's Great Debate with new

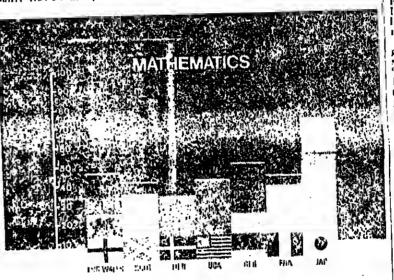
success.
The only question on which the Japanese children performed badly was alout square roots, which

Man Alive's studin experts sug-gested that the lapanese are not as good at more creative mathematical concepts as they are at arbbusetic. have produced no great mathematicians.

What the programme did not explore is whether the Japanese government is deliberately using the centrally controlled corrivation programme children for its lastrial needs—which the Brisish

The programme also conducted tests on general knowledge and They got the answers right and seemed to find it a giggle, though the film sluws that the educational ran-race starts before Japanese children are out of kindergarten. One in five attends a crammer before or after school, and the teenage suirite rate is high. When results are poor, teachers visit parents to ask why. Parents are regarded as responsible for failure or success.

The only question on which the The British got less than half marks on a simple translation from French or German into English,



Average scores of 13 peap olds in seven commiss in the "Man Alice" maths test. The top love shows the results when the same questions were asked in a Unesco hadred test on 1961. Japan is the only country where results have improved (Hermank did not take part in 1964).

The means to what end?

Although philosophors ore not renowned for the mouner in which
they agree among themselves un
thooverical issues, they have for the
most part concluded that there is a
closo relationship between education
and moral values.

Consequently the aim of education
depends upon the porticular suclety
one is considering. Quite clearly,
the ideals of Sparten socioty with
the high value it set on course, whother a particular course of training and moral values.

Consequently the alm of education depends opin the porticular society on is considering. Quite clearly, the ideals of Shartran socious with an accordance of the high volue it set on coorsection that he high volue it set on coorsection cradition, were vory different from the velocy, of, any, that course of the case. In early and respect (or tradition, were vory different from the velocy, of, any, that course of the consistence to the constructed mora then 2,000 years ago, once you have firmly and in the kind of society you want, It is no more than 0 technicological cardinal programme which will enable you have firmly and mind the kind of society you want, It is no more than 0 technicological cardinal programme which will enable the case of the cardinal programme which will enable the cardinal and interaction to the case of the cade of some powerful and interactions the case of the ca whother a particular course of training netoolly constitutes education.
Unlass I know the nature of the

We need look to farther then modern either modern either cours of the left or that right to see the court of this proposition. The strict countrol of music, literature, eod the court of music literature to the wishes of porents and refrain from imposing chucation to wishes of porents. We can the court of the court of music literature to the wishes of porents and refrain from imposing chucation to wishes of porents. The can we can literate the court of the season to the season to the literature and substitute to the wishes of porents and refrain from imposing chucation to wishe of porents and effective in the court of the season to the season to the design of the court of the court

brokkerping, commercial precoay sinnled my development other directions. Whether of other directions. Who are such offerings should be many separate holidings calling selves grammay schools or reduction of the selves grammay schools or reduction schools or reduction schools.

is equially common incommer antempt to conclude sichini school aystem.

It is this lack of choice sichini lies effored school educated the become the happy hunding sich become the happy hunting griuf ileologous and visionaries, the happy hunting griuf ileologous and visionaries, the many first wish is to count the parents. Understandably a because this would be the thought the state of the state their idealogies and visits requirement therefore is deconsomers must make the known and the experts mutthe subservient role of pl The very concept of an ope

T. F. Darence is pro Deportment of Lytia M. University of Excies.

Joint action wanted on rebels

The Assistant Masters' Association of the distance of the sect of special coordinates to be set up in deal with disruptive pupils. Heads, tractives and local multority officials should added school, what to do with reshellow children.

The 40,000-strong respectation said leachers, should been due to be recovered from schumb. A number of authorities have set on the eachers, should been due to be recovered from schumb.

The 40,000-symmet to the with re
The 40,000-symmet resonctation said power to suspend populs for a fall intelligation of the case. School foreroots and the local authority should then be brought in taileride that forther action in take
The standing seemed to have dear the standing seemed to have dear the standing to the area."

The standing seemed to have dear the standing seemed to see the standing seemed to seemed to see the standing seemed to see the standing seemed to seemed to see the seemed seemed to see the seemed seemed to see the seemed seemed seemed to see the seemed se

abbasis cases. The projectation standards of behaviour in another than the said that reactors, whould be said that reactors, whould be a large, the increase in the nominal teptive children were can back to the said very large school leaving age rating or the school leaving age.

From the AMA appears to the manter of populs far age for the AMA appears continued in the school leaving age.

Teschers' onions are likely to take at a be considering constolliving to the National Union of Public Employees to settle within the Government's 10 per cent guidelines when account in the number of the NUT is worked that the total for settle within the Government may be taking a much other nor school carefullers and other nor settlements into taking other par settlements into spokesman tor the National

Court to decide on sex bias in school subjects

The right of girls to study the samo subjects as buys is to be tested in court next year.

Purous of a 12-year-nid Croydon

Purous of a 12-year-nid Croydon girl are allegling alsochumetion by a head and his school on the grounds that alle was allowed to do woodwork and metalwork only after they had asked specially.

equal upportunities to take all sub-

The commission says that girls should have completely open access to traditionally male subjects. They should not he singled out for

A job for saints or superpersons. Britain's minus mark in maths Scientology cannot be apparently they do not learn. The English were poor to a simple volume question, and only a quarter got the right answer to: "The ratio of the right answer to: "The ratio of that I also be ratio of that not be a looked to a looked to

The largest VAT hearing ever held, which had much wider significance than simply whether tas should be paid, has just come to an end. The hearing was to decide whether or not the Church of Scientalings should pay VAT on its educational activities. It found dust it should.

The largest VAT hearing ever therapy, and was claimed to be so the modern science of mental in his book. Diameters, the modern science of mental health.

It is claimed to be so the modern science of mental health.

It is claimed to be so the modern science of mental health.

It is claimed to be so the modern science of mental health.

It is claimed to be so the modern science of mental health.

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It is claimed that bianching the modern science of mental health.

It is claimed that bianching the modern science of mental health.

It is claimed that bianching the modern science of mental health.

It is claimed that bianching the modern science of mental health.

It is claimed that bianching the modern science of mental health. psychosos, neuroses, compulsions, repressions, social derangements and asychosomatic ills". Lacd Grantchester concluded: "We con-The case is important for the

influstrial needs—which the Brivish children in the programme were quite clear they did not want here.

Though the jupanese only chose to take part in the marks test, they were also my in science, in 62 per cent, in Unesca's 1970 test, ond the evidence is that they are doing even hetter now.

On the British results, Dr Bruce Choppin, of NFER, thought that modern science teaching had been shown to be more successful than nodern science teaching had been shown to lie more successful than nodern maths. We should, he said, took again at our jouths teaching. Not all the experts agreed with him, so on either count.

The programme also conducted

1973, as well as a good deal more for the period since.

The tribunol heard evidence from odecation. Miss Browne distina number of prominent academies ond educationists, including Miss Shella Browne, Hev Majesty's Chief Inspector, Dr Trevor Thomas, for acre vice-chuncellor of Liverpool Industrial and Chief Inspector, Dr Trevor Hill Manuer and Chief Inspector, Dr Trevor Hill Manuer and Chief Inspector, Dr Trevor Hill Manuer and Chief Inspector are the Chief Inspector of Liverpool Chief Inspector and Dr Thomas Hill Manuer students have to devolop

University, and Dr Thomas Hill, critical feculties.
University, and Dr Thomas Hill, critical feculties.

Dr Hill said that Scientalney con-

University, and Dr Thomas Hill, professor of oconomies at the University of East Anglia.

The Scientologists another instead that they should not have to pay VAT another income from their educational activities, which amounted to C528,910 in their 1973 accounts, on the grounds that they were exempted. Under the 1972 Finance Act education is exempted. Under the 1972 in tax if it is of a kind provided live a university and if it does not make a profit. In their evidence, the Scientolo it concluded.

In their evidence, the Scientologists and they upgerated at a substantial defirit. They sald their college "at Saint Hill Manne in East Grinstrad, Sussex, was similar to a theological endege (like Caonnian Hill, Oxford, for example), and their courses were of university standard.

The tribunal hard to derine whether the Scientologists were providing education, whether in was a university kind of education and if it was provided for profit or not it runcheded that the group was anniversity kind of education and that it was not accorded "alternives than for profit".

Buth the Scientologists and Miss shells Benevolve soid that education to the tribunal inferred that the Scientologist and Miss shells Benevolve soid that education to the United Kingdom branch of the

"afterwise than for profit".

Buth the Sciencelogias and Miss shells thrown said that education meant activities and processes levelving learning and the ubility at understand and articulate, to reason and make indiquents and annual articulate. trasson and make indepents and to devolup sensitivity and cremitity. The tribunal, which was chaired by Lord Grantchester, decided that the grant's training courses and Saint Hill Manus are asserted.

mining whether or not the courses at Saint Hill Manur are provided inherwise than for profit." The Scientalogists were carrying ederation.

The training courses, which were named "Anatomy of the Homan Mind" (fee 120), "Professional Word Clearer" 111251 and "Saint Hill Special liriefing" (£275) among where titles, taught members the language of Scientology. Students read books written mainly by the American Mr J. Ron Hubbard, who involved or discovered the philosophy, and listened to tape recordings made by him. There are almost 2,000 mass containing Mr Hubbard's teachings, each one with the containing on the decision, a spokesuan for the group said it slowed they had come a long way, fi was significant that the tribuoal found its training courses to be education, he said. This was acceptance of a kind, olbeit a somewhat backhanded kind of acceptonce. The Church of Scientology was altered of its time, he said. Its study techniques were only as and its study techniques were only as a bottom.

unsupported by logical reasoning

power to suspend ennils for a full interest of failed period pending period of suspension during failed period pending a full interest of failed period pending period of suspension during failed that she was ollowed to do woodwork and metalwork only after they had asked specially. The failed of its time, he said. Its study forms, in the words of the tribunal, is, or claims to be, a religious were only and another submit in the said. The failed of its time, he said. Its study forms, in the words of the tribunal, is, or claims to be, a religious were only and asked specially. The head, they had asked specially. The head, they had asked specially and to office and Improving awareness. The head, they had asked specially and to office and Improving awareness. The head, they had asked specially. The head the hought in the classes which as the full was a full in the classes which as the full was a full in the classes. The problem seemed to have subjects at all if the classes were full.

The problem seemed to have another submit is subplied and of its time, he said. Its study forms, in the words of the tribunal, is, or claims to be, a religious of the full is, or claims to be, a religious of the full is, or claims to be, a religious of the religious and the religious and the submit is, or claims to be, a religious and the religious and the religious and the religious and the submit is, or claims to be, a religious and the religious and the religious and the religious and the submit is, or claims to be, a religious and the religi

Tyndale appeal: staff must wait

The five former staff of William Tyndale Juntor school who have impealed to on indostrial tribunal against dismissal by the former London Education Authority will have to wait until after Christmas to learn their late. After eight days of heavings, the tribunal hus reserved jodgmeot.

Mr Harvey Hinds, chief Labour whip in the Groater Loudon County while the school, are until the staff on the school, which week then he had take week then he had the school are contents by the unflortly to testify on its helbaff.

Mr Harvey Hinds, chief Labour whip in the Groater Loudon County while the schools are contents to the school and the second the model the school which week then he had the school are contents by the unflortly to testify on its helbaff.

Mr Harvey Hinds, chief Labour whip in the Groater Loudon County while the school was a required this week then he had the school was willing to give evidence for them. He had cefused a required this week then he had the school was will be a required to the school was will be a required to the school was will be a required to the school was week then he had the school was will be a required to the school was week then he had the school was well as the school was week then he had the school was well as the school wa



Relay' teams
should bridge
training gap

Regional cloaring houses for all education end training informetion are advocated by Dr Keith Hambson, MP, vice-chairman of the Torles' perllameutnry educoring committee.

Dr Hampson wants the centres to act as e bridge between education and industry, with e pormaneut staff to replace that "overloaded uetwork of talking shope, consultative groups, and edvisory councile". Floating the idea in a speech of Newcoatia last week, Dr Hampson suggested that the establishments be called RELAY centras—regionel centres for employment and learning advice to the young. Existing industrial training board field staff, empplemented as necessary, could provide e etock of information from which schools, careers officers, colleges and highar education establishments could raining board field staff, empplemented as necessary, could provide e etock of information from which schools, careers officers, colleges and highar education establishments could decome the contrast population who can be fitted into industry must be boliped by mocey mid other mesns to teke on more youngstors; others public sector. A very small.

Universities and polytechnics could serve as resources cantres, and the RELAY centres would be expected to promote close partner-ship between these establishments, schools and further education col-leges: Eech RELAY contra would have an educational end trailing have an educational end trulaing committee representing the educational establishments, the careers services, and Government training services. They could belp the together the various empreaches to vocational education, help small and medium-sized firms obtain training assistance, facilitote wark experience, relieve pressure on the careers service, holp flud piscements for sandwich degree atudants and funde or consultancy work for universities.

And of well as keeping colleges informed of industry's changing beede, they could promote the facilities evallobic for post-echool learning and training.

Gerry Fowler

Jobs for the young: is the setting in the West? The Western world now in the one hand, he producted the second production of the second production sun setting in the West?

date, no great densings to each other of manyone else.

Above all, there are two striking identifies between the Fanda and the controversites of the year. First, they show been gibts unpredictive in the fall many street in the controversites of the year. First, they show been gibts unpredictive in the fall many street in the street in the fall many street in the f

'Spend or ...' union tells

bringing ebout on improvement in the puril-teacher rotio and allow-ing an expanaion of in-service train-ing.

Mr Wakofioid sald union mem-

York conference on comprehensives

A mild outbreak of agreeable optimism

A tencher-pupil ratin of 1:15 might be needed in come smaller schools, the group suggested. Other epockers unted that even a rotio such as this would result in a considerable reduction of options.

Comprehensives must be laft atone to asted adown: This was the message from Mrs Shirley Williams, the special conference she convoned on consuperment for schools that the special conference she convoned on consuperment for schools and adounted to deministrators that she was impressed by thore considerable hope for the future and entered with the construction of the special conference, sold that we was impressed by thore considerable hope for the future of the construction of t



Above: tea with the Secretary of State. Below: Alan Little (left): Dudleo Fiske (right).





Tax penalty for parents of truants

tax allowance they received for heving children et schoel, said Mr Ray Naylor, head of Greenfield Comprehensive, County Durham. Many perents know their children were playing truant, he soid:

Report by Bob Doe Staff battle on to find out how race

authority.

The disjunct centres eround how this Section 11 money should be speut, and the orgunent is not helped by the vague wording of the 1966 Local Government Act. The teachats, and reprasentatives of ethnic inhority groups, think tho monoy should be spent on those who ore specialists in black aducotion, and not used simply as a way of imping up the teaching force,

of imping up the teaching force,

But a county council spokeement end the council did not want the extro toachers te teach only immigrants. "We have multiracial schools and ony teacher lies got to be teoching classes of mixed race", ha said. Seeden 11 money enabled a council with larga numbers of immigrants to improve its teacher-pupil retie acrose the board, If the authority fied to reveol which teachers in which schools were paid for with the help of the Hume Office, it would come under increasing pressure to let thesa

increesing pressure to let children.

The Home Office has agread to Lelcestershire's strungements for clelming Section 11 money, the spokesman said. The council's estimate of the number of extra shaff

spokesman said. The council's entimate of the number of extra staff
neaded was based on the number
of ethnic minority childran in its
schools, and individuel reachors and
schools did not have to be identified.
The council's arrangements were
open and above board.
But the Leicester groups disagree. A spokesman said the
county egreed to reveal the number
of extra toachers it was taking on
only when it was threstened with
the Employment Protection Act. A

only when it was threatened with the Employment Protection Act, A section of the Act gives trade unions the right of access to information for bargeining purposes.

"We'are not seking for individual teachers to be identified", the groups say. "But we do maintain thet head teachers should know how meny of their teachers, encillaries, etc, ere cleimed from under Saction 11.

"We believe that unless occurate informetion on doploymont is freely areliable, Sectidu 11 grant eided staff cannot be employed to provide the necessary positive discrimination which is clearly envisaged in the Local Government Act 1966 and retreated by the Race Relations Act 1976."

Mr Nayler was speeking just after Mr D. G. Hurd, principal of e comprehensive in Wokinghem, who said the greatest center of disruption in

Year of the

of the children within the system (white). At the some time it signale the destruction of the professional standing of the teacher, subjecting PERSONAL COLUMN him to consisot interference by multiferious ignorant busybodies (black). Partly in concequence, no

Clant Panda

Were we to adapt an Oriantal custom; and name each year of attentional development after o catural phenomenon or living creature, then 1977 has undoubtedly been the pear of the Giant Pande. Educational development after o catural through much phenomenon or living creature, then 1977 has undoubtedly been the spine-chilling. As yet, it bes not actually echieved enything, and from time to time it shows omlinous the signs of effectively eliminating a given of the Giant Pande. Educotional debate has been mossive in scale, if, somewhot lumbering in etyle, and has sometimes seemed fiferce; and trightening. Yet the tunbered massively out through much of the white in the black comar and the white in the black com

oway from the nerico's children of that we oth the industrialists claim at the creating of the control of the c

Fearless Fiske banishes

spectre of oversized schools Even 3,000-punil comprehensives are not too lorge, the York conference in too lorge, the York conference in the conferen

present humbers.

Mr Dudley Fisko, chief education nificer fur Manchester, sold: "We ore not afreid of large echools and think it is time the public were

Teecher-pupil ratios were no longer the hest way of looking et secondary school staffing, eccording to Mr Terry Casay, of the National Association of Schnolmasters. He argued for fixed "establishments" in schools end fur a teoching force stabilized at its present numbers. He was reporting back on the discussions of a group considering patterns of negativalion. Schools of 2,000 and even 3,000 were not considered too large provided they were in a settled community and had adequate resources, hu said.

Sizo is not very relavant. It la not o problem." Change of size was far more worrying. "Mony of the problems perceived in large schools ere those of too rapid axpaosion and there ere clear prob-lems for local outhorline ond schools as school rolls fell." With accordary rolls expected to fall by e querter efter 1982, local

fall by e querter efter 1982, local euthorities hed to racognize that there was an irreducible core of atelf in schools. Cartain posts bad to be filled when they were vacated to sustain e balenced curriculum.

They must not expect proportionate reductions in hoe with falling school rolls. Let us have no monseose of that kind. Mr Fiske and. Ona head complained that hid school had already had to consider cutting out its second foraign len-

Just as the police force in London hed not been reduced because of the falling population in the City, teacher numbers should be constant. The number of forms each ecboni took overy year should be fixed, with only the numbers of children in each form rarying.

Demands push teachers 'to breaking point'

Comprehensive teachers are nearing baseking point as more and more cation officer, Bodfordshire, said, is expected of them all the fine. Xou ban't heve good comprehen it conference, and more cation officer, Bodfordshire, said, is expected of them all the fine. Xou ban't heve good comprehen it conference, and more cation officer for this London, summed as either folled us or it has a job one to the conference of the massive schools on the cheep. The DES officer for this London, summed the conference of the said one of the said one of the said one to differ for this London, summed to the figures of the said one to differ for the same conclusion to the figures of the conference of the massive that one and new gone. Authorities now tended to look at the figures of the Chartered Institute of Public Finance and Accountency (CIPFA) and aim for the average level of staffing, which are colled this nonsonsical.

At the seme time they were fecod

At the seme tinte they were focod with, double sendards and misunderstanding especially from the press. The messive domestid of teaching ecross the ability range and the effects of cuts in entillary at the cuts in entillary at the cuts in entillary porents should have in their children's calcoling provoked some energetic dobore.

The giestion of secondary schools because of the shortesec of certain specialist teachers, the Permanent Secretary et the DES, Mr Junos energetic dobore.

The diestion of how much say porents should have in their children's calcoling provoked some energetic dobore.

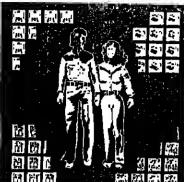
The diestion of how much say porents should have in their children's calcoling provoked some energetic dobore.

The diestion of how much say porents should have in their children's calcoling errors of the shortesec of tertain specialist teachers, the Permanent Secretary et the DES, Mr Junos she cause of the shortesec of tertain specialist teachers, the Permanent Secretary et the DES, Mr Junos she leaders of the stresses.

Mr Geoffrey Goodell headenester of Lord Williams as School, Them, sold a release that perents did not know the needs for stability and the needs for st

the figures now tended to look at the figures of the Chartered Institute of Public Finance and Accountency (CIPFA) and aim for the average level of staffing, which simply reduced oumbors, Mr Browning colled this "nonsonsical".

Social



EARNINGS: School leavers are likely

on awards

In the past three years about 7,000

awarda by the outhorities this year and about 5,000 that would lave been needed to keep up with the increased population of 18 to 19-year-olds since 1975.

The number of full-value discretionary awards has remained at just aver 49,000 during the three years. To maintain the 1975 level would have cost another £601, an increase of 12 per cent, Mr Oakes said.

The figures throw no light on how much local aducation authorities have saved on discretionary ewards, usually much smaller in value, to students in further education.

Another association of college prin-cipals, the Standing Conference of

Principals and Directors of Colleges and Institutes in Higher Education, has been formed.

It will represent colleges in the new courseling body which the Oakes committee is expected to recommend when it reports next month on the mansgement of higher education in the public sector.

New association

for principals

7.000 miss out AUT conference

A growing number of pupils with A level passes are turning their backs on further or higher education and getting jobs, according to the latest issue of Social Trends, the Gorentment's Central Statistical Office's annual, which this year paints a statistical portrait of the 15 to 25 age group.

Namely regardingly of a statistical office in the statistical parents were still in full ar partial age group.

Namely regardingly of a statistical office in the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full ar partial of the statistical parents were still in full are partial of the statistical parents were still in statistical parents were still in full are partial to the statistical parents were still in statistical parents are likely to stay on in the tearway, independent minuted, introduced agreemation of the parents media. In 1971 for example the tearway, independent minuted, introduced agreemation of the parents are stilled of all the statistical parents are likely to stay on in action of the parents are statistical parents are likely to stay on in the cearway, independent minuted, introduced agreemation of the parents are statistical parents are statistical parents are statistical parents.

The decision obout staying at la education emerges os one of the most significant indicators of yanng people's later style of life—the age at which they marry, their earnings, type of job, house. It is soil strongly related to social rlass.

Hermite the shiftsets are mining from year or the old, there are from the year of the titul population playing their earnings, when the years and early 1991 the number of the total population that they marry, their earnings, type of job, house. It is soil strongly related to social rlass.

Hermite the shiftsets are mining from the year of the titul population that they did in 1901, and will roughly do the sixties and early 1991 the number of the total population that they did in 1901, and will roughly the property of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the titul population that they did in 1901, and will roughly the number of the ti

with one A level pass went straight out to work in 1975, compared with under half 10 years ago, it says. Even the hrightest pupils—thuse with two or more A levels—fol.

Note that the brightest pupils—thuse with two or more A levels—fol.

Note that the brightest pupils is not be more and a straight of all 21 and 21-year-olds were with two or more A levels—fol.

Note that the brightest pupils is not be way. Note to the continuous process of the continuous pr

Early marriage (when the wife is a teenager) is often because a baby is an the way. Nearly a third of all teenage brides in 1976 were prognant on their wedding day.

Young people now make up a smaller part of the titul population thou they did in 1901, and will rootine to do so. Herecon 1981 and 1991 the number of the to 19-year-olds will plummet by a million.

Fines: Children were the fourth most common cause of domestic fires—3,300 to 1976. More thoo 1,000 fires started to bedrooms.

Cans: Nearly o quarter of children under 16 are taken to school by csr.

Nearly a third walk, 38 per cent go by bus, 8 per cent go by graio.

Denog: Order, 18 technology DRUGS: Only 18 teenagers were registered drug addicts in 1976, compared with 118 in 1971.

MENTAL HEALTH: 2,500 Children were discharged from mental hospitals in 1975.

to corn more as monual than as occ-manual workers. A quarter of men under 18 caracd more than \$33 a week in manual jobs—\$29 in

Poter Tiley, chaircoan of the salaries and grading committee,

announced the modified claim at the association's council meeting st

the Herlot-Watt University, Edin-

The executive believed the essociation should withdrow from months.

the pay policy."

burgh, last week.
Dr Tiley, of Both University, told the council: "Neither the Government nor the public seem of the council o

prepared to countenance claims of support is.

The order of 30 per cent. The message coming through from MPs lated all local associations for information what when they half comments.

its demand of full settlement of the anomaly from October this year, but it would be osking for the anomaly to be righted from next.

Another motion from Glasgow calling for a coo-day strike in early February in support of the claim was defeated.

Cries of 'shame' as 30% claim is dropped

or esses of mansloughter for whileh menuous loss. Mony of them enrued less thon £20 s week.

My yourn Cluss: Membership of youth clubs and other youth organizations is boooling. In 1976 2513,000 young people belonged to the were found guilty in 1976 2513,000 young people belonged to the were found guilty in 1976 2513,000 young people belonged to the were found guilty in 1976 2513,000 young people belonged to the Cubs. a rise of over 200,000 since 1970. Even the Cambined Cadet Force and other military bodies—which are losing members—dd rather better in 1976. Even the Chabined and wales the proparation in 1975. Children seat 105,000 young members and office and the control of the control o

In the past three years about 7,000 students have been deried the discretionary ewerds they could have expected from their Leas before 1975, Mr Gordon Ookes, juntor education minister, told that Riouse of Commous lest week.

This reletes only to awards equal in which their counterparts in valuo to the mandatory grants for which most students qualify when they are offered places in higher education.

But they will demand the same increase of which most students qualify when they are offered places in higher education.

The total includes 2,000 fewer awards by the outhorites this year and about 5,600 that would have

the association's members and to show the coordinate of university teachers to their solary claim.

Professor Alan Fritchurd, of Nortingham University, the associa-Professor Ekkehard Kopp, Hall University, said the impression created by the report was that it was illegitimate for individuals of rudical or Marxist views to hold posts in universities.

He created by the report was that it was illegitimate for individuals of rudical or Marxist views to hold posts in universities.

In an introduction to the Council Freedom and Denote the Council of the Counc posts in universities.

Ho especially objected to the spurious listing of individuals in the report without discussing in any detail whot they were suppused in the last it was impossible to be a realized and report without discussing in any detail whot they were suppused in

spurious listing of individuals in the report without discussing in any detail whot they were supposed in bave sold.

The following day, however, they accepted an open University motion moting "with consent the attacks upon the academic integrity of some membars of the AUT" initiated by the publication of the pamphlet.

Save his main thesis appeared to he that it was impossible to be a radical and a true scholar at he radical

Gauld report."

The Cunnell for Academic Freedom and Democracy was formed in
1970. Membership is open only
through the National Council for
Civil Liberties.

The Attack on Higher Education,
where does it came from? CAFD,
186 King's Closs Road, London,
WC1. 25p.

Camping out

School playing fields in Susserby the sea may be turned over to campie and caravanners in the summer holidays. An "Economic Opportubities Task Forco", set up by the leader of East Sussex County Courcif is considering the proposal.

Schools may benefit from the revenue relaced, but the main later than is to locrease trade and complete. tion is to locrease trade and top

Pupils opt for primrose path... Gould report

ut tylich they marry, their earnings, seventies when the young had solds will plummet by a million.

Social Trends No 8, 1977. HMSD.

The chanco of saching was a motey to burn on clothes (the luys).

Social Trends No 8, 1977. HMSD.

Ity would probably be maken that surface with mind the sacres when the young had motey to burn on clothes (the luys).

Social Trends No 8, 1977. HMSD.

Ity would probably be maken that students of academic unit by Professor Gould needed pick.

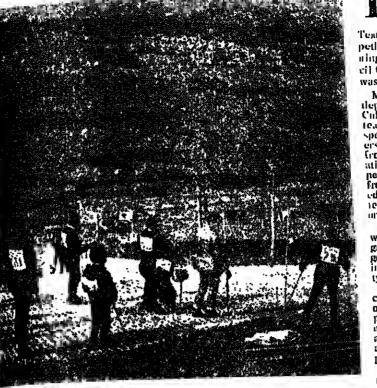
there have a choulde live Russe Hlyth Robbingh Academy) and his sinter Petrop ISI Groupe A.

Indicidual.—Girls: I, Felicity Hlyth is George's), 515; 2, Sooth Hlookshaw (S. George's), 518; 3, Lesley is Beck Qordatdull School, Glasgow), 52, Ross: I, Ross Hlyth (Edinburgh Academy), 49, 4; 2, Alan White (George Herror's School, Edinburgh), 79, 4, Roddy Landynde (Royal High Schoolt, 51.1,

Perhaps her must putable record hulo the 800 metres freestyle; she tlecked 8mlo 46.06 see to beat the pressure record of Maira Houstoo by the lauge onergin of nearly 14sec. She also covered the 100 metres butterfly course in 63.39 sec, improving 60 the record previously held by butterfly expert Susan Jeuner.

Miss Davin's other short course records came in the 100 metres freestyle 158.44 sec). 200 natives freestyle (2min 4 13 sec), 400 metres freestyle (2min 4 13 sec), 400 metres backstroke (2min 17.79 sec), 200 metres backstroke (2min 17.79 sec), 200 metres medley (2min 21.60 sec) and 400 metres medley (2min 21.60 sec) and 400 metres medley (4min 21.60 sec). Battler in the year MIss Davies Sulmming Association champions alps in Leeds, where she leccamble lirst British gir) to break five minutes in the 400 metres medloy.

Team games 'on the way out'



Samiess ski slope at Hillend.

petition and the obsession with winding are authoded, a Schools Comme of Conference on physical education was told at the weekend.

Miss Elizabeth Mandam, former deputy principal of Lanly Mahed College of Education, told 120 teachers and physical education specialists at Militied School, Someorest, that social values had changed from the competitive to the cooperative. "The cultural values of young people for speciation are as important, "If therapy, artistic nul musical approach, why un shape and sport?"

From the competitive to the cooperative, "The cultural values of young people for speciation are as important, "If therapy, artistic nul musical approach, why un shape and sport?"

From the competitive to the cooperative, "The cultural values of young people for speciation are as important, and musical approach, was important, "If therapy, artistic nul musical approach, was important, "If therapy, artistic, and musical approach and musical approach and musical approach and musical approach, was important, "If therapy, artistic, and musical approach and mus

It's hardly a Reance to print money.

7-71 (k.)-

"How did North See oil get where it is? Picture an enormous compost heap, wor under prossure for 280,000,000 years."

The second secon

where they were, they schlom accurated with practice. "When teachers with a shown their objectives they leave and the difficult blis,"

The answer lay, rather in the encouragement of the idea of the teacher-researcher, early reviewing his nam work and talking to other teochers about it. Production of on anonal report on the work of the physical eduration department was also helpful to the department was also helpful to the department, the schools and the parents; "Only by knowing what gues on in schools can we change prartire."

The current DES survey of what schools were doing could be of little help; it would take too long and would not rhange teachers' work.

Dr Mervyn Davies, physiological ransulman to the Sports Council, said that degenerative diseases had reached epidemic proportions far worse than the Black Death. Lack of vigorous physical exercise wos a major couse of the problem, and the schools had an important role to play in changing social attitudes thorugh proper physical eduration. They must inculcute the habit of exercise from an early age.

The habit of taking children to school in the ear and allowing them to spend an average of six hours a day in front of the relevision set.

aimed at Improving personal polse, precision, routrol and concentration.

It was time also to pay more attentian to health and fitness atmosphered that take more than nine hauts to pay more attentian to health and fitness atmosphered that are week for every teacher to hours a week for every teacher to hours a day in from tif the relevidon set was deplorable. Schools must work in partnership with parents to change rhithren's attitudes.

Scots take the ski prizes

Arbriefly reported last week, Edin-borgh skiers took almost all the girst in the Unitish schools cham-poship creekend on the Hillend or ski slape. George Watson's College, runners

george training contents, while boys' train prize and St. George's School once again mark the gift use, after coming family over-

miners for the past three years, one third overall behind Ruyal ligh School, which had previously h de individual compenior

Ring M. George Watson's College Edinburgh, Address and Royal High School, Edinburgh, 1623; 3 Edinburgh Academy, 1527. Gifs: St George's School, Educ burgh 166.2. Inticlosal.—Girls: I, Febrity Dlyth

Sharron still on her winning way

Sharron Davies, of Plymstock School, Plymonds, will be able to tak into her Christmas pudding

which her thristmas pudding with gusto after oundler series of substituting swinning performances to est a semarkable year.

Sharon, 15, recurrent from a three well training spell in Canadalast week soon after breaking nine in British senior short course records. And at a meeting in formulo she was all olds rates, she entered. from all olus races she entered-freesyle, backstroke, butterfly uni medley.

Perhaps her must putable record

What people want to know about North Sea Oil

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comely to be righted from next. The 200 delsgates threw out a motion which deplored The Attack versity walked out from the nolsy debate, THES.

mation about when they held exams. Only eight of the 74 had replied and

recommend when it reports next mount on the mansgement of higher education in the public sector.

Mr. John Barnett, principal of the College of Ripon and York St. John, is chairman, and the secretary Mr. Nell Merritt, director of Haling College of Righer Education, London, Mr. Barnett is a metaber of the Cakes Committee.

In a statement the conference says it a determined that the nonpolytechnic institutions shall maintain their share of higher education provision where this has been the pattern.

Similar courses have been arranged for sixth formers. CRAC will work opportunities and students and programme, to be known as CRAC will and their share of higher education provision where this has been the pattern.

Mr. David Blandford, a former of the advisory centre council, said last week that since CRAC was founded 13 years ago it had considered that the nonpolytechnic institutions shall maintain their share of higher education provision where this has been the pattern.

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Mr. David Blandford, a former of the advisory centre council, said last week that since CRAC was founded 13 years ago it had considered the country in management for 50 undergraduate on a cracer guidooce for action, recrulment and induction of students.

Sir. Adrien Cadbury, a member of the advisory centre council.

Sir. Adrien Cadbury, a member of the advisory centre council.

Sir. Adrien Cadbury, a member of the advisory centre council.

Sir. Adrien Cadbury, a member of the advisory centre council.

We call statement is a sinulate course, in lotted the country in management for 50 undergraduate said statements. We want them to give induction of advisory centre council.

Now we think it is time to give induction of the cadvisory centre council.

We call server in management and a tutor o

Cambridge plan to sweeten the industrial pill

How to master the slowest learners

All but the worst 3 per cont of mentolly hondicapped children are capable of doing well at school. That is the belief behind That is the belief behind "mastery learning", a teaching technique used by soveral million echool and collogo students throughout the world, according to its American involtor, Professor Ban-school

This year, however, has seen tha start of a programme to introduce mastery learning systematically into Chicego's publicly maintained schools. It is a move that gives Professor Bloom particular pleasure, Professor Bloom particuler pleasure, for he has worked and developed

ignored in the English-speaking

The technique works by reversing the traditional classroom mathod of predetermined perlud of the and assuming that the pupils will learn it with varying degrees of thornighness. Instead, the amount of leoching e particular topic for a

The teacher divides his or her curriculum into small imits thin can be convered in a weak at two. At the end of that period the papils are tested on the unit. Thase that fall then relearn the patins they missed, either directly from the patins they missed at investigated the effect transfers decided currently and them spend than material differently the second that material differently the second time round.

Mass failures passe its second test. Any that fell again are likely to need personal help from the teacher. When aff pupils have been undergoing a training missed been undergoing a training missed been undergoing a training missed been undergoing a training measurement of the worlds been undergoing a training missed that the dark. Any that fell again are likely to need personal help from the teacher. When aff pupils have been undergoing a training missed been undergoing a training missed been undergoing a training measurement of the worlds and then spend the necessary three and offers tested currently and then spend the necessary three and offers tested the second time round.

Mass failures pass its second test. Any that fell again are likely to be rewarded by a better learning ingite be expected to show on the need personal help from the teacher. When aff pupils have been undergoing a training measurement of the world's better the need personal help from the teacher when the need persona

from Ciive Cookson North American correspondent

jamin Bloom, but so far largely

The help that most children from his theories et the education depuri-ment of the University of Chicago ceive at home in their early school ceive at home in their eerly schonly years explains why thoir acudemic performance is generally better than that of relatively deprived children, Professor Bloom says.

the method huprovas papils' general learning copaolities. There is no proof that it confars a banefit on the children beyond the topics to which it is directly applied.

Critics of mustery learning have two main lines of attack. The first is that if it is applied to an unsureomed class, as Professor Bloom insists it should be, the brighest children are held back to the learn insists it should be, the brighest children ore held back to the loern-ing speed of the slowest.

Ile shows that the obility of n that once it gets going in a class, child to learn naw material depends critically on whether he or she has uniferstond the previous lassons on which it is based. The less wollinstruction

The second objection is that mastery learning is suitable only for low level, mechanical teaching of subjects that have a well developed sequential learning pattern.

open sequential learning pattern.
Professor Bloom agrees that his technique is most ensily applied to subjects like algebra and those whose important principles ore well defined. But he says it has been used successfully for almost the entire range of subjects.

predetermined periud of time and assuming that the nopils will learn in twith varying degrees of thurning ness. Instead, the amount of muterial to be learned thoroughly is beld coustant and teaching time becames the variable.

The teacher divides his or her curriculum into small imits that can be covered in no weak ar two At the conditions.

Ilis lotest bonk has already been transfered widely deared into several longunges. Mastery learning is practised widely deared in the care transfered widely deared in the care transfered widely deared in the care are strong as small scale in the city's funior colleges (roughly equivalent to both the competition is the connection is the connection is the connection is the connection in the connection in the connection is the connection in the connection in the connection is the connection in the connection in the connection is the connection in the connection in the connection is the connection in the connection in

off ban on parents

Becausa responsibility for conven-ing the meeting had been left with the teachets, the union was eble to step in and freeze the plan, making choperation dependent on the Ministry of Education granting cer-rain union demands.



THE TIMES EDUCATIONAL SUPPLEMENT 23-12.77

Literacy teachers with portuble blackboards prepare to drive to the

Spreading the word

Graham Hancock on Somalia's radical approach

slogan glossaries of several develop-big countries. But, like most slogans, tha emotivo eppeal all too often conceals a fundamental lack of application,

In those developing countries where mass literacy has grown permanent roots, communities ere participants in rhair own education rather than passive recipients of knowledge handed down from

above.

As the United Nations Children's As the United Nations Children's Fund (UNICEP) noies in its Stretagy for Busic Services: "They mobilize the resource that is abundantly available but substantially neglected—human resourcas. Involving rurel vilingers and urban naighbours in organizing their own assential services is the initieting point for revitalizing the countryside."

The basic services approach become UN policy in 1970 whan, at the beginning of the Second Development Decade, the General Assembly rasolved: "As the ultimate of the purpose of development is to purpose of development is to purpose of development is to provide increasing amountaints."

Assembly rasolved: "As the ultimote purpose of development is to
provide increosing opportunities to
all people for a better life, it is
essential to expand and improve
facilities for education, health,
nutrition, housing end social welfare, and to sefeguard the environment."

children, trekketl out into the bush for sight months to teach their nomadic cousins to read and writs.

foc sight months to leach their nomadic cousins to rend and writs. The campaign's motto was:

"What you knaw teach, what you do not know loarn." And the school-children did learn: the poarry of the nomads, hotted down by word of mouth, through gonerations, tha skill of survivel on the harsh Somoli rangalands where one water hole is oftan as much as five days' walk from the oaxt, how to herd cattle and milk goots, how to build shelters from sticks and bides ond how e camel should be lunded up with a family's precious possessions. But thay also laught. A survey

But thay also taught. A survey at the close of the first stage of rural development showed that one and a half million people who previously could not read and write ware now literate. Subsaquently, literacy has not

been treated os un end in itself but as e means to the wider and of developing the countrysido. After the child teachers had gone home, e strategy was evolved to build on what they had achieved. As UNICEF observes: "The Somali government's polley lu education puts e strong amphagis on community were strong emphasis on community par-ticipetion in the provision of sor-vices, and the fulfilment of felt needs drising from the beneficiarias thamselves."

Yassin Mohamed, octing Director Yassin Mohamed, octing Director of Adult Education in Somalia, outboas this policy: "After the Rural Devalopment Campaign we had to start developing functional literacy. The besic Horacy is there; but the adult aducation courses we have adult education centres we have ast up in the districts exist to help

and welfare of rural children, for exampla, have been significantly improved by ensuring that at least one influential woman from avery community has hed training in basic putrition. Pert of her job is no batch willage midwife.

Men have been trained in relavant akilla. Scientific egriculture—crop rotation, vaccination for

LETTERS

Raising the question of standards

Sir.—In his letter obout ataodords of award in O-level modern languages (Docember 2) Mr. Devid Wolsh raises some interesting quostions about comparability of standards between different subjects.

It was first of 11 simplests.

The hose of this as motter which for odjustments to stundards of oword ora made.

The JMB hos ulready published reports on some of its earlier research investigations: Stundards in stables of this acquisity is to students.

I must, first of all, omphosize that, contrary to what Mr Waish suggosts might happen, the exometimes in all subjects are not "so concerned to maintain o pass rate to fibetween 55 per cent and 65 par head of the standard of the sxam at o produce this figure rather than this rass rate to match the quality of the standard of the sxam at the produce this figure rather than the standard of the standard of the sxam at the sxam

the pass rate to match the quality of the cutry".

The overriding encern of the analyses fadiente that in subjects such as modern languages, thet a given quality of performance. Is uwarded the same gode from year to year and (in so far os standerds appear to be somewhat in others year to year and (in so far os standerds appear to be somewhat in others year to year and (in so far os standerds appear to be somewhat in others year to year and (in so far os standerds appear to be somewhat in others year to year and (in so far os standerds appear to be somewhat in others year to year and (in so far os standerds appear to be somewhat in others and to fall width the rungo mentioned by Mr Walsh thare are analyses of this kind are no more thought of fall width the rungo mentioned by Mr Walsh thare are analyses of this kind are no more than monitoring devices which cannot take into ocrount fectors which and the quelity of teaching, nor ilish Language Paper A 74.7 per cent; History Alternotive C 46.3 per cent; Lotin 75.1 per ceot; Geometrical and Engineering Drawing 48.9 per cent.

As far as Mr Walsh's inquiry about the results of candidates

Method the subjects and technical in others that the proper to be somewhat the somewhat than the somewhat in others that in others that in others that the proper that the true of th

Sir,—May I ask you to correct some errors of fact in Mr Gerry Fowlor's raference to Shronshire's budget planning in his orticle "Pied Pipers of the Shires" in your issue of Decambar 9.

No decisions on cuts hove yet been taken and thoy will not be taken and thoy will not be taken and ladis of the rote support grant available to the county

taken until datails of the rote support grant available to the county have been worked out.

The number of discontenary awards has not declined, indeed the number of owards for the current year has increased by some 50 per cent ever 1976, each only a minor reduction of expenditure £29,000 on e present annual expenditure of £526,600 hos been considered for 1978/79.

The reference to the decline in

The reference to the tleclino is

school book allowances is also mis-leading. Those allowances have been adjusted ennually to take account of inflation, and against this primary, school allowances have been cut by

10 per cent on one occasion, secondary school allowances on two occasions by e similar figure. The resultant loss in purchasing power is much less than Mr Fowlar strg-

gesta J. BOYERS, County Education Officer, Salop County Council.

Pied piper's

wrong tune

scruthry by the John Matriculoton Board through its research unit and its various compiltees.

The bosis of this acruinty is to take all the candidates who offer eny given pair of subjects and to compore their overage grades in the two subjects. When the comporison has been renewted with every enmishing bination of subjects, the subsequent analysis provides an effective method of comparing standards of owned ocross olf addicate that in subjects such as modern languages,

Wanted! literate newspeople

Sir,—Editors mo becoming increasingly concerned of the low standard of English among young people seeking to make a career in newspoper journalism.

Quite rightly the National Council for tha Training of Journalists have endeavoured this year to reisa standards by stiffening a tost in English. The results must surely shock all who dra ouxious about the quelity of education in oar schools.

Out of 572 who sot the English etc., only 100 or so renched the pass mork of 65—about 17 per cent. Yet, most of those candidates bad or had taken A levels.

The test, which fond some of my colleagues have shown in honds of a cahools in varying paris of the country, is really no harsh burdle to overcome. It simply tests o person's ability to spell everyday words, to punctuote and also to exuloin their meaning.

Soma of the answers were quite frightening although also highly numbing. Just unc example: Oiffield. Asked to write o symmence bringing out its meaning one reply read: "Tho shareholders ore ongry that the diffident is so low."

Signal of the country is really no harsh burdle to overcome. It simply tests o person's ability to spell everyday words, to punctuote and also to exuloin their meaning.

Soma of the answers were quite frightening although also highly numbing. Just unc example: Oiffield. Asked to write o symmence bringing out its meaning one reply read: "Tho shareholders ore ongry that the diffident is so low."

Teaser addicts on the increase

Sir,—May I thank those who have recently sent lotters, both appreciative and critical, to you are direct to mo? At least they reveal a wide spread interest in recreotional module emotical puzzles.

It is sold that Homer occosionally

spread interest in recreational modiculosity in the soil that Homer occosionally modded, so parhaps I may be forgiven for the solltory insoluble problem that I recourtly proposed. Alus, there is no solution to the quostion about numbers with fivo zeros. The truth was illscovared by those who had colculators, or who had retuined their skill at montal orthmetic; any tumber of two illicits, when multiplied by 3, 7, 11, 13 and 37 will result in a number with save adigits, fivo of which are the same only whan the sum of the two digits is less than 10.

One correspondant who attact that had "always believed mothonatics to he arront nonsense", and thut this view had been confirmed by a recent Maths Tooser about o prebistoric manser in the Broachosnurus—hos evidently forgotten that Lawis Carroll, the autinor of that priceless nonsense, Affice in Wonderland and Through the Looking Gloss, was a mathema.

Those al us who bave the benefit of of clossical education will realized the name of this prehistoric monstor is derived from the Greek, and means "wind-pipe lizerd". Its long neck gave it e voice like e trombone with a low-pitched drono, the sound of which mesmetized the smaller animals on which it prehistoric monstor is derived from the Greek, and means "wind-pipe lizerd from the Greek, and means "wind-pipe lizerd from the Greek, and means "wind-pipe lizerd from the Greek, and means "wind-pipe lizer it in onnster is derived from the two name of this prehistoric constoric scientific that the name of this prehistoric constoric scientific means of which means of which means of which means of which is neck gave it e voice like e trombone with a low-pitched drono, the sound of which mesmetized the rombone with a low-pitched drono, the sound of which mesmetized the rombone with a low-pitched drono, the sound of which mesmetized the rombone with a low-pitched drono, the sound of which mesmetized the rombone with a low-pitched drono, the sound of which means on which it prevents is derived from the theory of constant of salver

tion with the International Federation of Free Teachor Uniona. By "free" shey mean that the hoton government must not be able to exert any political influence. The complete political influence of contraint confederation elso, places a restraint by refusing to accept into member ship env organization which associ-otes et intercotional level with non-

within society and industry to introduce more job enrichment and related measures, surely such moves
should he welcomed by careers
officers?
Careers officers hove fought long
end hard for greatly improved provision for young people entering
work. We should not protest when
these reforms are of lost within
sight of realization. The Careers
Service most pley o vital part in
bringing ingester education, the
Manpower Services Commission and
ladustry into o creative partnershin,
which ensures that the measures
ceach the standards so nacessory if
vound people are to eccuire the
skills increasingly required.

L. PREITAG. Président Gamden & Westminste Branch, NAS/UWT.

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The Illustrated NEWS

JANUARY

John Ardogh

PROFILE OF LORD ROTHSCHILD

Jessica Remode

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Union calls

from Joan Smyth

The French National Union of Teachors (SNI) has celled off the boyrott it imposed alx weeks ego on the newly elected norants' colomittees for secondary and primary schools (TES, Oceanber 2).

PARIS

Ministry of Education granting certain union demands.

Now, M René Haby, Education Minister, has promised that by the end of next year classas in primery schools will be no larger than 25 publis. Ho has also promised the relieve the 4,500 heed teachers of teaching dutlos. The numbere of pupila for a one-class school in the people would bonefit as nationally interesting the people would bonefit as national literacy to good use in collective actually hoppened uses. However, what actually hoppened uses that rich for a second class to be started will be reduced from 30 to 25.

The SNI odmits that it hes not got any further with its request for a succession of the second class to be started will be lowered from so that the lowest levels of society.

Somalla is one of the shade with a number naded from 30 to 25.

The SNI odmits that it hes not got any further with its request for a succession of the second class to be started with the succession of the second class to be started with the succession of the second class to be started with the succession of the second class to be started with the succession of the second class to be started with the succession of the second class to be started with the second class to be started with the succession of the second class to be started with the succession of the second class to be started with the succession of the states at the succession of the second class to be started with the succession of the states of t

The SNI odmits that it has not got any further with its request for the automatic replecement of absentee teachers. Tolk is ta very sore collust with most teachers and parents. The SNI says that it is hoping to be able to achieve halp with this through the school committees.

Under a compilicated system qualified teachers can only be repleced by auxillieries who have to be given a two-yeor contract. During that fine an auxillary, who is insually a university graduate not yet fully qualified as a tescher, only in the Somell Lenguage in the rurel areas, of deep change in the rurel areas. The population of the rurel areas, of deep change in the rurel areas, of deep change in the rurel areas. The population of the rurel areas, of deep change in the rurel areas, of deep change in the rurel areas. The population of the rurel areas, of deep change in the rurel areas, of deep change in the rurel areas. The population of the rurel areas, of deep change in the rurel areas, of deep change in the rurel areas. The population of the rurel areas, of deep change in the rurel areas, of deep change in the rurel areas. The population of the rurel areas, of deep change in the rurel areas, of deep change in

Shortsighted over training

Sir,—Terence Gwynne asks "Whatever, happened to history teachers associations?" (December 2).

York History Teochers Associotion has oxperienced the usual problema of estructing teachers to meeting and deciding what its function about the properties and colledges and hulldings and children of all ogas. The emphasis was on precital sessions, showing the use of basic archives with juniors (e.g., linking lovantories, parish registars, directorles to ectual objects and hulldings), or reespectific, with three local secondary schools, the notorious 1807 County Election in its original location.

Among those involved were the city archivist, e county advisor, training collego lecturers, and of the sample occupations before Three Processors and builting collego lecturers, and of the sample occupations before Three Brows and secondary schools, the notorious 1807 County Election in its original location.

Among those involved were the city archivist, e county advisor, training collego lecturers, and of the sample occupations before Three Brows and proposed to sample occupations before Three Processors and builting collego lecturers, and of the sample occupations before Three Brows and proposed to sample occupations before Three Processors and content of the Monipowar Servicas Commission's auggestion that trainions, further ethicotion and work expectant of the Monipowar Servicas Commission's auggestion that trainions, further ethicotion and work expectant of the Monipowar Servicas Commission's auggestion that trainions, further ethicotion and work expectant of the Monipowar Servicas Commission's auggestion that trainions, further ethicotion and work expectant of the Monipowar Servicas Commission's auggestion that trainions, further ethicotion and work expectant of the Monipowar Servicas Commission's auggestion that trainions, further ethicotion and work expectant of the Monipowar Servicas Commission's auggestion that trainions, further ethicotion and work expectant of the Monipowar Servicas Commission's auggestion that tr

city archivist, e county adviser, training college lecturers, and o museum education officer, as well as teachors from the York area. as" teachors from the York area. The utain purpose was obviously to pass on the experience of those giving, this possions, and to show that archives or simulation or historical drama are not es difficult to organize as they might often sacri. This olvolved found it worthwhild, oknowsh we didn't really involve the general public as much as wo had hoped Certainly dur experience suggests that Mr. Gwynne is right to talk ebolit "small working groups for specific and pretisely limited activities".

J. F. REEVE.

Tha Cestle Musainn,

young people to sample occupa-tions before finel choice. This represents on extension of Pro-feasor Donald Super's planned procreatinetion." In terms of vocu-

progratination "In terms of vocational preparation to the lower,
tional preparation to the lower,
tional preparation to the lower,
tional tional saway of the "job
choneer" lebel from young
people meviously testing occopational toles.
The nvaliability of planned luduction, skill training and further
education for young people previously denied such opportunities.
The gradual creation (as national riously denied such opportunities.
The greduol creation (as national fluence permits) of extended and potentially suitsfying community based work, preferably for wider lege groups than 16 to 19, to replace the often personally un-

fulfilling jobs now being increasingly replaced by technology.

Mr Rushton rightly drews attention to the ofteo insuparable difficulties faced by young people trying to obtain epprenticeships after their 17th hirthdays. As increosing numbers of the 16-19 age group anter troining schemes so it should prove that much sosier to reach eccommodation with industry concerning the age limit quastion, and to dovetail the training end education received on special measures

to dovetall the training end education received on apecial measures in with the porind of epprenicaship.
The measures undoubtedly under the company of the c

young people are to ecnulre the skills hiereasingly required.

GEOFFREY FORD,

122 St. David's Road,
Otley, West Yorkshire.

Euro union relations

Sir,—In your article on European teacher unions (December 2) there is one important fact omitted in haw the various bodies relate to one exother. (It is, of course, an improvement on the report of John Sayer (August 12) in which he falled aven to mentiou the only body beving the ear, as you put it, of the EEC—the Buropean Teachers Trade Unioo Confederation.)

The confederation, to which we belong, can only eccent bone fide "free" unions due to thair effilletion with the International Federation of Even of Even of Even Teacher Injona By

Jan. The bonorery eccretary of the Bucks Joint Four Associations on the fide that the compromise of the fine person into other greating the person not of the (School) Library Service in the United Kingdom we should be assumed of the level of our president of the International Federation with the International Federation.

By HILLIARD.

R. P. HILLIARD, Secretary, The Library Association.

Petrick Brogon
PRESIDENT CARTER'S FIRST YEAR LONDON'S YILLAGES: PUTNEY

IS BLARRIT Z STILL POSSIBLE Joan Bakewell

Inconspicuous consumption?

Lucy Hodges looks at the

changing status of consumer

education as a school subject

What is consumer education? Is it about teaching a classroom of girls about teaching a classroom of girls about yeos dough techniques? Does it involve memorizing the Supply of Goods, Trades Descriptions and Fair Trading Acts? Or is it about deciding which bar of soap to buy in the local high street?

As the subject is laught at the moment, all these poluts—and many ware—come into the buggage of consumer education. It is not an easily definable subject; everyone is ogreed on that. It is about learning the skills necessary for question-ing and analysing the things we buy or

It goes much wider than teaching children how to buy wisely, to cover the effects industry and government have on society, from pollution to equal opportunities to noy packets. It is about people leorning to assert themselves in an ever more complicated democracy.

social studies, child care, and English, and sometimes in history, geography and meths. It has grown up in an ad hocway, in response to changing times and the motivation of individual teachers.

There is still much confusion and ignorance about what it is. Many schools not teach it at ail, and those that do tend not to teach it as a subject in its own right. In a survey carried on this year for the European Commission, Marion Giordin, a freelouce writer who has unde the subject o speciality, found that in one local outhority only four comprehensives ont of 19 taught consumer education.

This, she auys, is a common percentage. In her journeys around Britain in search of the subject, she was frequently asked to give advice and information to educationists. They wanted to know how it should be tought, what it consisted ofwhat it was, in fact.

As it has evolved, the subject reaches more girls than boys, and the CSE rather and A level candidate. It

The subject is taught mostly in secondary schools under the healings of home containings, with the healings of home containings, hasiness, general, the healing bomecraft, and government and containing the healings of his containing about the healings of above all by home economics. Murion Giordan and others have their reservanions about this,

Home economists tend to resent the claims of other disciplines on the subject, sny the critics. They are not in general trained to be alert to enneepts and ideas, since their training is in crafts and aimed or producing tangible things,

They tend to emphasize comparison between products, wise buying and budgeting. The sort of quistion a home economist might pose is: "Select an electric or gas cooker for a newly married comple, and give reasons for your choice."
Home economics is also likely to be dominated by women.

Marjoria Cay, warden of the Buttersen Home Economics Teachers' Centre, has little time for these kind of criticisms. Home economics has changed beyond all recognition from the old domestic science days, and she is well aware of the brand in frame of mind than a discipline, most nature of the subject. With this in mind, neachers think it should be taught across

Such initiatives from within education are, however, few and far between, and much of the minmentum for curricular much of the minmentum for curriculum development has come from outside organizations such as the Office of Far Trading and the British Standard Institution. Consumer protection departments of local authorities have also been active, us has the Cubiden Trust the research nem of the National Council for Civil Liberties), which has appoined a full-time education officer to produce teaching packs and teachers' source basis tenching packs and teachers' source books on civil liberties and the law.

Which? magnizine has produced material for 13 to 16-year-olds to fit in with a range of subjects, and all fires bodies 10FT, BSI and Which?) bare worked with the ILEA on a joint venture. called Suzie and the Supershopper (see illustration). This is a teaching padage designed to fit in with other subjects, ideally social sciences and home considerally

Since consumer education is more of she has been busy drafting a CEE con- the corriculum in this way. This, of

Fast Haugus and examined as a subject bean right. If there is O level brick-law why not O level consumer affairs? resent it is an exam in its own right in CSE Mode 3 and CEP. There is in CSE Mode 3 and CEE. There is the doubt that, until it is treated by the mination boards with the seriousness mured for other subjects, it will ant he ward seriously by teachers either.

I might be useful if the Schools Cappel and was to undertake a corriculum freedoment project on consumer afficient

development project on consumer afforms.
The Midmater, chairman of the Advisory Centre for Education, who also looks after wation at the National Consumer Comseason at the main gaps in healters development has been the the to build it up sequentially through

modary level. One of the recommendations Marion atan made in her EEC study, which

means teachers have to be well she felt would help give the subject the impensit needed, was in-service training for teachers. At present teachers are unt States some schools have for teachers. At present teachers are not taught how in teach consumer education. It was up to local education authority inspectors and advisers to do this, she suggested, and they should also set up carried them right. If there is O level brick

In the meantime, horassed teachers could perhaps be best belped by a clearing house to give the advice and informa-Marjoric Cay at the Battersea Teachers' Centre has spotlighted. "Many teachers are at present tinkering with consumer education. Results are unhalanced, and often exhausting to the teacher, who is frontically trying to stay one sten ahead

of the pupils", she wrote recently.

There is a noseful publication, a newsletter called Consumer Education produced quarterly by Furbes, which keeps teachers informed about new developments. But it can only begin to unswer the pupils of the subject has a long way. the problem. The subject has a long way in gu; consumer education happens as and when the spirit maves individual teachers. Maybe this is, after all, the hest raute for it.





Buddhism comes to Cumbria

Story and pictures by Jon Player

In 1969 the International Mahayana Insti-inte was opened in Kopan, Nepni, to taach Mahayana (Tibotan) Buddhism to Wes-ierners. Several British people returned from studying there and, finding them-selves in a spiritual vacuum, decided to create an institute of their own.

They eventually bought Conishead

0

Priory, near Ulverston, for £50,000, and created the Manjushri Institute. Lama Thubten Yeshe and Lama Thubten Zopa Rinpoche, both Tibetan refugees, were invited to be the spiritual heads of the

Conishead Priory is a rambling old building standing in 70 acres of land on the site of a 12th-century monastery : In

recent years it has been a coovalescent huilding. Thair day begins at 6 am with home for Durham miners and an orphan-ona hour's meditation, and continues until evening with another meditation perind had lain empty for five years. The gurden was overgrown, the building riddled with

At present there are 25 residents at the Priory restoring the building, clearing the land—they hope to provide most of their own food by next year—and organizing courses in Buddhism. The group includes the founder mambers of the institute, and others who have gravitated towards the center. There are also tree towards the centre. There are also two Westarn nuns resident at the Priory, who

before supper. Some members of the community work for the Forestry Commission, and give their wages to the Institute to contribute towards running costs.

land she spent several months in Nepal, where she cooked for the Tibatan Lamos.

Westarn nuns resident at the Priory, who lead the meditation and supervise the group's spiritual progress,

The residents are expected to pay for the Priory. Generally speaking, relations when the gardens or on the Buddhists had an overwhelming

response to their requests for old letter

Meditation courses are run at the Priory at frequent intervals. During my mission, and give their wagas to the Institute to contribute towards running costs.

The vegetarian fara is expertly prepared by Judy, an Australian cook, who originally joined the comojunity in September, 1976, with the Intention of staying a couple of weeks. Before coming to England she spent several months in Nepal.

It is hoped that the Priory will even tually house a collage for the full-time study of Buddhism. In the meanwhile, the principal alm, of the rasidents at the Priory is directed towards fund raising! an estimoted £50,000 is required to cover nacassary alterations and work on the





Temerity to believe...

Kitty Mrosovsky on Turgeney and Tolstov

The Geutle Barbarian : The Life and Work of Turgeney. By V. S. Pritchett. Chatto und Whidus 15.95. 7011 2208 0. Tolstoy Remembered. By Tstyona Tolstoy. Michael Joseph 18.50. 7181 1626 7.

Always hoping for the best, one grows old. Always prepared for the worst, une grows old early. But eternal youth is for he who believes. So said Kierkegaard in 1843, when Turgenev was n young man in his twentles

Always prspored for the worst, use grows old early. But ctornal youth is for he who believes. So said Klorkegaard in 1843, when Turgenev was n young man in his twentles and Tolstoy a teenager.

Dear, disillusioned, open-minded Turgenov cervatiny belongs with the early oging. What's more, he quolifies pretty well as a Kierkegaardion Knight of Infinite Resignation, ons who concentrates bis life on a single impossible love. In 1843 he went to the operation, ons who concentrates bis life on a single impossible love. In 1843 he went to the operation, one who concentrates bis life on a single impossible love. In 1843 he went to the operation, one we concentrate and surger with a common line. He militers was alteringly leoning. Garcia, a 22-yeor-old Sponish singer with a common line. He will he say a single single with a common line. He will he say a single single

Westernism, was making a gesture or involvement. But the plinese "duty of convelvous
principle" sounds intriguing and true. It file
is with V.S. Principet's perception that fove
in Targenev's sinules is allowed a morel test,
and that his obsession with pure beginnings,
not fulfilment, heavys in ellegime pessiming.
A sector of the 1850s which he truoted is elso
relevant!" Life is heart ishour, Remunciation,
continual renunciation, that is its secret
meaning its dolution." Torqueve's stance of
renunciation brovides the bershops both to
his subtle analyses of love and to his political
detachment (rather than prollificism)
I'm here and less convinced that expansisnion es such had a strongly delepations effect
on remeans so essentially distant—shough I
can well believe, as V.S. Printhett suggests,
that Viscott million or Baden Baden
heckme too particulating cosy for creations.
Turgenev's detachment was an inner condition. And it allowed him to comment shrewdly

on his old friend Herzen's Sharophil practivity to "worshipping the peasant's sheepskin coor"; accused of Western kulness and epiciarcanism. Turgettov retorted that petit buurgsois penchans might well be the lot not only of Western Man hat of "bipodes in general".

with the disciple daughter Souths unwise a sad to contrast to Abrahamis legendary fourney.

Tolstoy was a hunted, desperate old man, like home had become a nightmanish nest of suspicion and entagonism. Beenal youth, of it sout, he had. Doesn't his daughter Tatyana tell, us, aming many other channing things in tolatoy Remembered, that if at 80 there was something he couldn't do he would say." I'll he of twhen I'm grown up."? Pessimism he could not accept.

And yet I feel uneasy that a men so obsessed by his own pradicement, so incapiable of toleraving the vulgarer foldles of others, is still the focus for much herdal and undiscrimosting reverence. I'm not, I must make clear, arguing about the possible influtence for good of Tolstoy in his lifetime, or the repercussions of his windings. Such things, can't he coloulated. But it a piny that he posthumous charisma, still makes it difficult.



what is given up, but of whether wishing itself is at an end.

Itself is at an end.

Tetyene Tolstoy's reminiscances are not likely to impline on her father's image. As a child she believed he could do no wrong, and she quotes his diary entry of 1895! "I have had moments when I have felt inviself to be a conductor through which the divine will was passing, and those were the happlest moments of my life." She also quotes his lest words. "I love Truth." A rivel rendering is "The truth. I care e great deal. How they was this the terrible "They" of porsecuted minds? Last words, at any rate, are often flexible fragments.

Tolstoy seemed not unprepared to socilice his children to his own beliefs, inbligh the agolise, he went through resulted less from God's fearsome commands than from the

incomprobensible defections of the offspring.
At 35, having succembed to the ignoble "contamination" of love, Tatylon osserted herself tamination of love, Tatyana osserted herself to the extent of marrying a middle-aged widower. Eventually sha produced a Tanya of ber own, who has written a short biographical plece to conclude her mother's book, which is introduced by John Bailey and consists of four patts. "My Father's Death " was originally published in 1928; but "Childhood of Yasmaya Polyana", "Adolescence" sud "Flashes of Momory "oppeared only recently in Fronce.

of Yesnaya Polyana", "Adolescence " sud "Flashas of Momory " oppeared only recently in Fronce,

The book is well worsh reading. Tatyano Tolstoy gives an interesting, vivid, and not at ell santimental picture of her childhond. As a sampla, take tha March locks baked out of rye-flour pasts which the children pulled over thawing snow: "When the lerk began to get soft and fall spart there was nothing to be done hut est up my toy. It smelt rather of meited snow and borsa dung, but that didn't stop me finding it very palatable. "Then there is the beloved governess Hannah, daughter of one of the gardeners at Windsor Castle, who orders e special English bathtub."

In "Adolescence" comes a totally absorbing account of a most unpromising holidmy in the steppes of Sanawa, where Tpistoy was following a kumiso oure, that's to say drinking quantities of fermented mare's milk. No pondo, no rivers, no woods, no mushrooma, no flowers, no white bread, iors of heat and insecto. Then things pick up. There are bushards, eagles, horses galove, Hannah, arrives, on moonlit mights the steppe looks like sliver velver, there le wheat to glean, Bashkir women swatched in black velver to watch, a foundling lamb to feed, a Scythian grave full of old bones and wonpons, und "an old hermit who lived in u cave noar lluzuluk"; Tolstoy was very impressed by the old man's impassive acceptance of death. Tolstoy was very impressed by the old man's impassive acceptance of death.

All in all, this would make an excellent Christmas present likely to please and interest all some of people. As for the author's admiration for her fasher (John Balley prefers to say that sho "understands" litin with an instinctive accentance), this is presisely one of this beautiful things about the book. Tatyand's feeling for her fether is tielther affusive nor offensive. It is an unshakshe fact, which slows her to write: "Perhapo there was a kind of modesty in him that prevented him from talking to us about bis

Well, perhaps. Though I note that in order

Pen or Hatchet?

cartooning from the thirties to the seventies

Peter Armo's Skaling Pintter Duckworth £3.95, 7156 1269 7. Fougusse. Edited by Revis Illiller Elm True/Hamish Hamilium £4.50. 241 8946.1 X.

The spid girl of a troupe of bikinied algitt-club dancers pironettes closs to the table of a middle-oged ogler and says, "Valerle wou't be sround fur saveral days. She hacked into a sizzling platter." This cartoon provides the this for the collection of Petsr Armo drowings from those published in The New Yorker between 1936 and 1949. The world of oporous tycoons and busputy goldtween 1930 and 1949. The word of onorons tycoons and busomy gold-siggers was a favorite but not the only mitten in which Arno found the material for his vigorous social

That "a jest's prosperity hes in the ear of him who hears it" is warning enough that the assessing of humour is a subjective exercise. The question of what is funny is therefore one ou which only the boid will pomificate. Some judgment may, however, he foirly assayed about humorms drawing. Arno's opporently cavaiter "grabbing n bit of charcael and spiushing on a few tunes of wash" (as one of his contemporaries wrote) was in reality a mesterly simplification of anatomy and stage-setting in black brush strokes hrilliantly enhanced

Poter Armo's Sizzling Pintter
Duckworth 63.45, 7156 1269 7

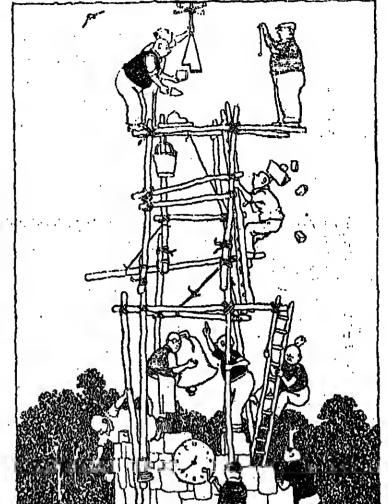
by the studied plucing of grey white.

Forgasse, on this side of the Atlantic, was using a pen to draw in what he called pictorial shorthand. He insisted that the bumour is all—that it is better to have a good idea with a land drawing blant a poor ideo with a gond drawing. Yet his own work, alunest a kind of, the anderting, was brief convolutions of line even before the caption was read. His subjects were found induly in the upper middle class is lelaure areas of sport, holidays and chibland between the wors.

Looking back of British pictorial humour of the period, one counds word this invincible insoucisance of it all. Even on one of his fomous "Coreless Talk" postere of his two women in a bus, one is saying: "You never know who's listential in the pen in a both benignly relaxed. Found (Graham Laidler), when a Nazi a line I "Stifting just hebind them are Hitler and Fleid-Marshal Guerlog, both benignly relaxed. Found (Graham Laidler), when a Nazi a cost. One says, "It seems a pit to discourage them too much—they mightan't cone."

To read Panich now (und Private Ege) is to fluil an emphasis less on humour than on Causes—and some issues of both journals leave one's ears diming with the sound of grinding axes. The repetitive

Little and seems of sport, holidays and the condition of the private in the art of conduct of an engine driver one fitting his reputsion for punctuality the same private of the private and privat



Literary ladies

David Noakes

A Marriage of True Minds: An intimate portrait of Leonard and Virginia Woolf, By George Spater and Ian Parsons. Jonathan Capu/Hagarth Press £5.9\$. 7012 0436 2. 224 01407 2.

Katherine Munsfield: Lutters and Journala. Edited by C. K. Steud. Allon Lane £5.75. 7139 1069 0. Pen-guin 95p. 1400 4201 6.

Elizabeth Bowco: Portrait of Writer, By Victoria Glandioning, Weldoufeld and Nicolson E6.50, 297 77369 0.

Angelo Tbirkeli Portrult of a Ludy Novelist, By Margot Strickland Duckworth E5.95, 7156 1124 0.

port cuite induspenseble to blogre out of rouch with life, phere. She casto her manys on Victorio Glandlaning port cultes indispensable to blogra out of touch with life.

Phere, She casto her manris on Victorio Glondlaning's Elizabetic Elizabeth Bowen; she confides in Bowen is everything a biography Katharine Mansfield; she sub-stroud be. Without ever silding into acribes, ten shillings, to the Hogarth knowingness, it couveys a peculiarly scribes, ten shillings, to the Hogarth .

documented from the Woolf archive at Sussex and libustrated with a hundred previously unpullished photographs. Lemand, as a colonial administrator, carried on a controlled long-ranga courtship with Virginia via Lytton Strackey, would always baulk at another sates bat lor whom he candided. "I am heginaling to think it is always destraided being in love; ofter all, 99/100ths of it is always the desire to copulation was almost entirely absont from this otherwise bappy and successful narriage. Lonard was methenious in his corp for Virginia, and for their infant. Her hooks, like Jane Austec's, feesional boxes, though brief, is obviously in mere adjectory. Her mother's death hed been claggy, "mawkith, sentimental the mother's death hed been claggy," mawkith, sentimental the mother's death hed been claggy. "Sho distinct anything on the control of long-ranga courtship and most ouccessful at another "sates bat lor ablivious." Mergot Strickland will hardly save her. At once on aristocratic and the low-brow for Bipomeshury, Angele survived two disastrous marriages to learne of literary career on the strength of her future of her future of her future of her first marriage mokes. This integraphy tells fittle see Scannell as pringly a viotiu and ask why the field, his noly raison desire.

Katherine Mansfield was one of

. Katherine Mansfield was one of a good cautionary tola.

the press's first authors. Luter, Virginia confossad: "I was jenious of her writing. The only writing I hevo ever been jealous of."
C. K. Stead's excallent selection of
Katherine Monsfield's Letters mul

More tales of Bloomshury. All the sidered, I think it must have been old favouritos are here. Ottoline the umbrella." Her writing is full Morrell, without whom no twentles uf these strokes, deft, but never literary gathering was complete, is meraly olever, therary, but never

Press. Ellot is another regular, con- fine series of intimacy with its sub-Press. Ellot is another regular, confessing to Elloubeth Bowon that he jeet. The Anglo-Irish background is couldn't write a line without purticularly well done. Though a leading ilterary hostess, Elizabeth Bowon remained a very private Bowon. Her affairs were never things out the best in him as a "person," her affairs were never things out the best in him as a person, the books like Inne Austra's Cannell's career as a professional boxer, though brief, is

Hors de combat Edward Neill

A Proper Gentleman. By Vernou

I hevo ever been jealous of."
C. K. Stead's excallent selection of Katherine Monsfield's Lettors and Journals allows why. He plays down the picture of Katherine the seusitive invalid, in order to highlight her brilliant comic talents.

Lawrence has been sounding off on a usual rhene. Katherine wiltes:
"Tha number of things that ore really plualic, from fountain poin fillers, onwards I But I shall have my rovenge. I suggested to Lawrence that he should call his cottage 'The Phallus'." And, on floward's End:
"I can never be perfectly certain whather Helen was got with child by Leonard Best, or by his fatal forgotten umbrella. All things considered, I think it must have been the umbrella. Mit things considered his labided and in the unbrella. There writing is full uf these strokes, deft, but never merely olever, ilterary, but never the bush of the classes seek to do away with culture, and even Jack de Maoio is rapped over the kuckles for his whowingness, It couvers a peculiarly fine sease of intimacy with its subject. The Anglo-Irish background is purticularly, well done. Though a of ki) three mondae in Brixton In 1975 Vernon Scannell took up

marily a violin and ask why the Smithern Aris Association did what it did and did it badly.



A tense business

Norman Evans on the training of teachers

The Troining of Teachers In England and Wales 1800-1975. By It. C. Bent.

Hodder and Stoughton £4.95, 340

By August 22, 1977, when this book was published, the Secretary of Institutions which were to continue training teachers and the final list of institutions which were to continue training teachers and the system of teacher edocation end in system in the system led many defects, but it was not without its virtues. It has been destroyed deliberately. One can ooly hops that it successor, whatever form alist many ultimistely take, will be sufficiently better to justify its execution." By e nice accident of the interior grantent training has not alwoys been so effectively coordinated.

Hotder and Stoughton £4.95, 340 the avis a lingled ont. And tho avan end calm prose allows whatever dremans there are in these 175 years—and there are in these By August 22, 1977, when this book was published, the Secretary of State had issued the final list of Institutions which were to continue training teachers in the 1980s. There ore 70 units en it. In 1970 there were 164. Having remarked that e system of teacher edocetion end trolning which has endured for two centuries is ended, the last words of this book ore the system hed out its virtues. It has been destroyed deliberately. One can coly hops that ite successor, whatever form this may ultimistely take, will be sufficiently better to justify its execution. By e nice accident of the infinity public announcement and published comment talk to one enother. Teacher training has not alwoys been so effectively coordinated.

H. C. Dent has a formidable tesk in writing on historically documented account in 163 pages to cover

Teacher training has not always been so effectively coordinated.

H. C. Dent has a formidable tesk in writing oo hismrically documented account in 163 pages to cover the 175 years in Englond and Walas. Ho has discharged it odnitrably. The 24 chepters ero organized to ellow the tole to unstrain which could ceally hove led to e ranged story line, That seconomical writing packs to so economical writing packs to so economical writing packs to so much service or pooled l.c.a. funding service or pooled l.c.a.

Books/Education/History/Literature

Paper chains

One or two reminders of what is new or reprinted an panerbuck tills. Christmas for the last shopping day—and to make the book tonens an elitile further afterwards.

Pengula's Book of Christmas. Carolo (85p) and its follow-up The Second Book (95p), both edited by Elizabeth Poston and complete with pairs, are ideal for carol singers' cet-pockets—and the notes on each cord et the front meke fascinating reading afterwards.

Balluds for all seasuas—romontir tragedles, criminals' gundhights, to the you away. Karolo (85c)—come togother in The Pengula Book of Folk Boliede of the Raglisb-Speeking World, odited by Albert B. Friedmon (f1.75). Classified eccording to the occasions and sentiments that inspired tham an eather than in any chrouological order, a few of them appears with molody as well.

Good King Wenceslas looked out On the Peast of Stephen; A snowball hit blm on the Mad made It all uneven.

A different sort of balladecring and rhyming takes place overy dey in the playground mid to the street, generating e new longuogas suid o new literature. Ima and and on make the short lines and the talling words. The sea is always there, "to beotive define the first appeared in 1959 end is now, temptingly, ovalfoble in paperback (Paladiu £2.50). Tongue twistera, if jeers, tricks, riddles, bets, nicks names, seccet longuages, are made in the fore Christ even more intervaled before Christ even more intervaled before Christ even more intervaled by the fore Christ even more int

jeers, tricks, riddles, bets, nucknames, secret longuages, are made
public in ell chelr wit, cruelty and
wisdom.

Those who find the study of mankind before Christ even more interesting will be pleased to sea thot
Jurquetta Hawkes's encyclopaediostylo The Atles of Early Mau is now
available in paperbock from Mocmillan at f4.95. The colour photogrophy is still splendid, whother it
bo o sunsat ovoc Stonahenge or a
bluebit of a well-painting in Creto.

Elght years ago, P. V. Glob dalighted archaeologists and lovers of
the macobre of once by publishing

Winston and the war

Norman Stone

Norman Stone

**Miston S. Churchill. Companion

Wiston S. Churchill. Supplication

Wiston S. Churchill. Su

The Breeder Reactor. Edited by resctor programme. The book J. S. Forrest cogently and informettively restates blographical, of anecdotes, rominate been published to edvantage come years ago. Insteed it seems to have taken an edverse report by breeder reactors as the mainstay of the prospect of a programme. The book of anecdotes, rominateness, and reflections, and reflections, and reflections, and evente; from the book of the prospect of a programme. The book of the programme are programme. The book of the programme are programme. The book of the programme are pro

Children's Literature

East and west

Stephen Corrin

The angel of the Lord appears to bring the good news to the shapherds A full colour illustration like this fills every other page in "The Book of Jesus" (Collies £4.95). The text is a simple re-telling of the Gospel story, except that a little moral or "message" is appended on each page.

The Fuber Beok of Northern Legends, Bdited by Kevin Crossley-Itoliand. Illustreted by Alan floward Information Inf "It is the function of the amboliogist or provide voriety within the potential unity", says Mr Crossley-Holband in list fereward to his attractively produced, finely illustrated volume. He had amboliogy is also at the stream of the stream o

Submarine R. C. Vernon

The Underseo, Edited by N. C.

Within the last quarter of a cen tury, we have seen oil and gos being wrested fram the orean deptho with greet risk of pollution following envo

fascinating chapter on maritime lew.

Anyone whose interests, commercial or scientific, are concerned in the waters which cover some two-tbirds of our planet's sorface, must keep ebreast of whet is moving in all these nattors. This study, written by experts under a general editor who lies contributed a trenchant introduction, provides a valuable way of doing so.

will photomicromatic properties of the second provided that the second

Instead of the stork

glessery of the numerous unproneusicesble nemes thei secor in this is one of the few books that a thou fortune treated me. I was an appoor that I could not aven afford shoes, and went into the mosque at Kufah with a sore and complaining heart. There I sow a man with no feat."

"Everyone dies in the ond: thou's no reason to rush into a dregon's jaws."

Such nuggeis of wisdom appear on practically overy page of Arthur

I liked the full explementary norce which accompany the illustrations and above all the multi-ungled approach. It le e very human eccount of how a baby develope and is born. The author talks about the feelings that are invelved and she includes references to different social customs alougaide the scinnific information:

"The Ancient Egyptians, 3,300 yesrs ago, knew that urine is changed by pregasucy. They poured it on beans or wheat—if they graw, theo the wenus woo with child, it wasn't an accurate test, and oong was dovised muti

Gillian Thomas

Bird Sounds end Their Menning.
By Rosemery Jellis.
BBC Publications £4.75. 563 12126 2.

The Undersee. Edited by N. C. Flemming.
Cassell £12.50. 304 29903 0.

Considering the speed with which the occurs of the world are baing explored, exploited and politted this book is both timely and important.

Within the last quarier of a cen.

Humankind

wrested from the orean deptho with great risk of pollution following envocidents, centuries old flabing rights bitterly disputed, the internation of rights to recover alinerula from the deep oceans (ouch as monganesa nodules) quasifoned and incore recently also the disposal in the depths of redioective waste.

As well as dealing in some depth with these matters, this book will bring the roader up to deta in current thinking in the development of submersible vessals and underwater orcheeology and it continues with a fascinating chapter on maritime lew.

Anyone whose interests, commercial or sclentific, are concerned in the waters which covar soma two-thirds of our planet's surface, must keep ebreast of, whet is moving in all these matters. This study, will the surface in the waters which covar soma into the title of this section of the book. A smellar, copy of the pirtore that it is not shadow form of olcture is used in some other cases and the rosult is some other cases and the ros some other cases and the result is not et ell cleer.

Having criticized the work, I must now praiso highly not only the many other axcallent pictures and photographs, but also the simply written short poragraphs outlining many aspacts of birth, growth and development as woll as the general working of the body. Human experience, parception and understanding are elso considered.

you got you manual yet? Life and living In Scotland dissected by writers. Facts, diagrams. addresses, you can't de without Scotland '78 -a new approach to yearbooks. Order direct: Wilson and Knox.

89, W. Johnstone St. Alva, Clacks,



breeder reactors so the mainstay of the prospect of a progreted and Britain's loing-point energy policy contentious public inquiry into are spt to take the energy reduted at expression ments of civilized societies as axio developments at Windscale, to produce that the pay more extention to incomfort alpha the pay more extention to incomfort on manking and elsewhere in the content of the payers were presented at a wardenly world, treat energy required the ments as a wardenly being world, treat energy required the publishers did well to produce the assessment of what constitutes a waterland and proceedings prior to the Stranceyde. case on a more or less radical register proceedings prior to the assassment of what constitutes a Whidscale verdict.

The Breeder Redctor, which tor's beddie reading; but timely achieves steadfastly to the formor chough for those who wish to

vlew, is a collection of papers by accustom themselves to a nuclear nuclear expens erguing for public future, or to reinforce their dissent confidence in madest power general from the arguments that are bound tion end for decisive government to accompany it.

What is nonsense?

04037 5.

The Book of Noncense. Edited by senso, he says, "involves the essential ebility to ask 'what if?" What Paul Jennings.

Mecdonald and Jana's 16.95, 354 if everything was the other way round, or even if just this little.

prod
this self.

Among this week's

Contributors;

William Cleghorn is at the David Livingstone Institute of Overseas Development Studies. University of Strathchyde.

Norman Evons is a research fellow at the Cambridge Ineligible of Education for the Bosurd and discounting with know.

Hie eye for the absurd and idlosynogatic and hie ear for the blarre than the Education for the Bosurd and all thet. But we are elso treated to particular with his "Oddly enough", Strathchyde.

Norman Evons is a research fellow at the Cambridge Ineligible of Education for the Bosurd and dilosynogatic and hie ear for the blarre than the Cambridge Ineligible of London.

Norman Stone lectures in English at King's College, University of London.

Norman Stone lectures in history et Jesus College, Cambridge.

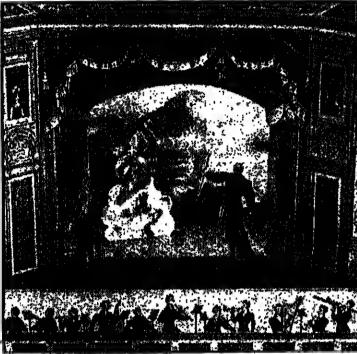
Hist what is nonsense? Poul Jen-



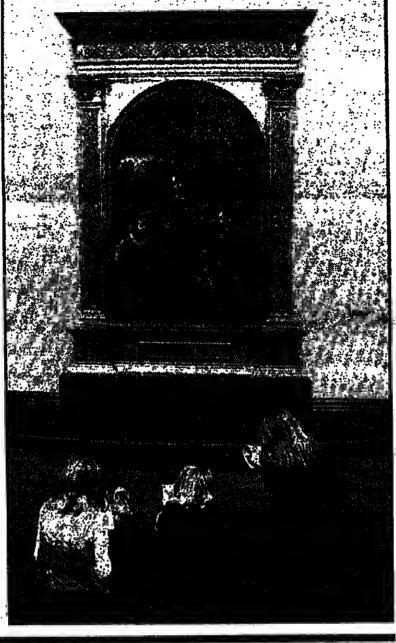
ths belief that poems can ba onlinuced rather than radaced by the addition of unisic, it is success-

It starts with a bitter-sweat version

ful in varying dogreas.



Children need never be bored of Christmas as long as they have access to adults with stamina and funds. A selection of ovents will elmost certainly include visits to o gallery, an exhibition and the theetre. The picture above left shows a manual from the theetre. The picture above left shows o mameut from Da Silva Puppets' "Jack and the Beanstalk", recently at the Malveca Festival Theotre end part af a double bill with "Peler end the Wolf" et Santhdown, Isle of Wight, February 1.5. "Peter and the Wolf" is also at Greenwich Young People's Thentro an Janaary 21. At the Camden Arts Centre, Arkwright Raad, Londan, NW3, until January 8 there is on exhibition of Toy Theotres (illustrated obave). Thuse were originally made os replicas af plays and performers from the London live theatre and sold as sauvenir shaets, "pauny plain, two-penca colaured", The exhibition has o variety of examples und of associvariety of examples und of associo variety of exsurples und or associ-ated prints and nosiere. This yeor tha Notional Gallery is again offer-ing e picture trail in which cunning clucs lend children from picture to picture, incidentally (it is hoped) taking in quite o lat more art then is necessary for the troil.



The series are researched by a summer f

Poems, and all that jazz

by David Self

Lawrence Durrell reading bls awn

Audlo-Visual Productions, Temple Slicen Roed, Loodon, SW14 7PY. £3.03 each plus VAT.

Despite a continuing tradition of bellad mongers, minstrels and pah poets, most poetry is happier on the primed page than in the more enbemeral medium of speech. Trus the uctor's declaration can éocaurage an emotlocei response and true a post's interpretotion af his own poems can give us valuable insights. but by its very nature a poain of Audan's Ston ull the clocks and usually needs to be read end reread to be appreciated fully....

praduces ather equally happy confimetions of words and music Norrative verse and the simpler with settings of Byron's Wa'll go lyrics apart, poetry is a distillation of thought, a complex ministure of with settings of Byron's Wa'll go no more a-roving and Michael Baldwin's posm The Housewild aymbals, references and images und wonder then that the larger commercial recording campanies, have had little success with spoken word records. Argo's recording of Under the Sigh no more lodies song train Much' did about nothing. Milk Wood being a notable exception.

Nevertheless, a number of education of words and must and must a new pack produced by EGIS (Eng. of the summer term).

An Introduction to Woter Pollution, a new pack produced by EGIS (Eng. of the summer term).

Newcastla upon Tyne, is intanded for use with GCE and CSE closses. It deals with spects of pollution such us industrial and domastic waste, sewage treatment and the hydrological cycle.

The pack cootsins 14 sheets of different sizes and begins with a least map which makes for his accumulation of environmental problams overcomes his ability to have read to summer term.

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Newcestla upon Tyne, is intanded to slight sectio

Nevertheless, a number of educational companies continue to issue the cassette tapes of poetry. One of may prove a attinulus to creative the leading ones is Audio-Visual Productions and two recent additions to their humanitas catalogue them. The arts as well as making poetry that bit more acceptable to those to their humanitas catalogue.

It is a tape which mokes for his accumulation of environmental problems overcomes his ability to solve them.

A larger pack on Energy Resources gives information and the use, supply and damand of energy by these tapes of Lawrence Durrell. Productions and two recent sidditions to their humsolitas cataloguc
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that will sell Durrell to reluctant students, but (quite naturelly) in the distribution remayes many of the obscurition remayers hove juiced to children's art of oil kinds.

The compotition is called World without Wor, and the proposition which hos to be libustrated is: what do you think the world would be like it, inetcod of ermies sud was many opens, we had spent our time, brains and motey on other time, brains and motey on ot

eight paems ranging from Shake-spsare to Charles Caualey, via Christina Rassetti and (colacident-ally) Lawrenca Durrell. Dsvised in

Entry forms giving the rules in full can be obtained from Mingot Miller, World without Wor orts compatition, Gromneys, Farlay Grean, Alburt, Surrey, Entries must be sent hi by March 1.

Dead as a dodo

An Introduction to Woter Pollutio

Computer competition

Study Project to Encourage Computing in Schools is o competition open to oll schools in the West Midlande areo. Entries have to be childron's awn original and creative ideas on ways in which computers could be used with e description of how the ideas could be carried through.

The project naed not necessarily include e progrem or processing, so schaale without secess to e computer cun enter.

The competition is being organised by the West Midlands branch of the Computer Education Group in conjunction with the Birmington branch of the British Computer Society. A prize of £200 tagether with the IBM Schools Computing Cup and ICL-CES materials to the volue of £25 will be presented to the winning school. he presented to the winaias school. There will he e number of

ruunar-up prizes. . Schools have to return registra-tian forms by February 1, after which they will receive entry forms.

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Campaign for simple-language books

The Home Library, a Breskthrough Trust project, aims to provide simple-language versions of books They ere sultable for, omong

other slow learners, the mentally hondicopped, ethnic minority groupe as well as some normal children. So far this has been echleved by priating eosier versions of stories on labels which are then pasted over the text in the books.

However, the library is now trying to gain support for a scheme to
publish simple-language versions of
books, and are distributing o questionaire to assess demend. Publichere are already interested but
etill layer as he conviaced than there etill linve ta be convinced that there

Further information about the Home Library from : John Wheeler, 23 Canning Street, Brighton, BN2

Schools Council project profiles

ine schools Chuncil, Praject Pro-files onl Judex fur 1977-79 is now available. It is to be produced every other yeer in fature, instead of onnually.

The Project Profiles describe cur-riculum resourch sud development work, including both current and receat work. They are supparted by a li-mnathly bulletia, Project News, which keeps subscribers up to dats with dayclapmonts thirling the two years between publications of Profiles.

Sets of Project Profiles cost 13.50, including postage oild two years supply of Project News. They are abtainable from the Schools Council, 160 Groot Portland Street, London WIN SLL.

Classified Advertisements

Index to Appointments Vocant, Wanted and other classifications

Teachais wishing to epply far e past in Scotsand ere advised to aak the Registrar, The Geacrel Teaching Council for Scotlead (5 Royal Terraca, Edinburgh EH7 5AF) for information about eligibility for ragistration with

Mathemniles Markemarics Assessment Centres **Appointments** Other Modern Länguages vacant classifications Music Youth oad Community Pestural Public Natices Physical Education Primary Education Religious Education Headshins Other than by Subjects 19 Educatiaoal Courses Overseas Appointments 20 Scule 2 Posts Science Awards and Schalorships 21 Scule 1 Posts Technical Studies Preparatary Schools Aılmıkıistratlor Other than by Subjects 18 Pcrsonsi Local Education Authority Middle School Educetion Announcements Appnintments in Scotland 18 Music Other than by Subjects 17 Exhibitions Other than by Subjects Special Education Secondary Education Entertaluments Hearlships Miscellancous Headships Calleges of Further Scale 2 Pasts For Sale and Wanted and Postal Shapping Deputy Headships Sculor Musters/Mistressee Scale 1 Pasts English as a Forcign Art and Design Langusga . Halldays and Accommadation Commercial Subjects Universitles Independent Schools Domestic Subjects **Appointments** Deputy Headships Senior Masters Mistressee iloma Exchenge Holidays 21 Euglish Community Homes and wanted Properties for Sale and Wanted Euglish Associated Institutions

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J. R. G. TOMLINSON, M.A.,

Director of Education.

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A long time ago in a galaxy far areas and the film has appealed so strongly moral grey areas.

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Arts/Talkback

awny", the opening title reals: for galaxy rend country, and the tradi-tion is clear. Space creatures replace the traditional furthey drugons, but the main evil is in other men— Moff Turkin (Peter Cushing) and Dorth Vider-und the appeal of the droids and most of the creatures

Though Star Ways substitutes technology for magic, rational technology is administely variousled by the Porce, the supermatural purveit invested in the Jell knights like Ben Kenubi (Sir Alec thainness), bulged the hera larks secures final victory by an explicit lemp of faith the resetting the Borro (represented by trusting the Porre (represented by the voice of the late Kenabi) rather

White wine and orange juice

Frances Hill on radio

Christmas seems to heve sneaked up this year. Suddenly it is on us, after a couple of weeke of gently of interesting outledpation but no seuse of interesting outledpation but no independent of outledpation but no independent of interesting outledpation but no inde

Dealing with

The EPs and psychlatrists, reluctions to define a tarm with little clinical value, shared the overall perspective of the special schools, but indicated that they must show a special concern for the ground stream school the development of the special schools. When asked to describe new provision thay would like to see created, only one group, the mainstream schools, failed to mention the development of further provision within the aministream. They looked exclusively to presumers coosing greatest anxiety to the

coosing greatest andery to the ministream they ministream instream the described exclusively to resources beyond themselves.

Predictably, the schools noticed the child because of the child because of around schools. The EPs depended upon the schools to any problem. The psychiartists, however, hed frequently seen, the children within and between a single l.e.e.

To eveluete the degree of consensus or conflict within and between a single l.e.e.

The heads of skx day schools for the moladjusted children within a single l.e.e.

The leads of skx day schools for the moladjusted were presented with a semi-structured interview on the about the children within a single l.e.e.

A variety of organizations are distorbanced as a possible of the forms of assessment and tract.

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The leads of skx day schools for the meladjusted were presented with a semi-structured interview on the statute of maladjusted the stride and the forms of assessment and tract.

A variety of organizations are distorbanced as a possible of organizations are described as a possible of concept. There was an overall feed by the structure of interview of an organization are distorbanced by the proposition of the forms of assessment and tract.

The leads of skx day schools for the meladjusted were presented with a semi-structured interview on the statute of maladjusted the proposition of the statute of maladjusted the proposition of the statute of maladjusted the stride of the statute of maladjusted the stride of the statute of maladjusted the proposition of the statute of maladjusted the stride of the statute of maladjusted the proposition of the statute of maladjusted of the statute of maladjusted the proposition of the statute of maladjusted the proposition of the statute of maladjusted the proposition of the statute of maladjusted the stride of the statute of maladjusted the stride of the statute of maladjusted the stride of the statute of maladjusted the

the forms of assessment end tract.

A variety of organizations are ing of goodnill towards the special monitoring the time taken for indiperson.

A variety of organizations are ing of goodnill towards the special monitoring the time taken for indiperson of the psychianist, educational psychianists, educational psychi chologist (EP), and meinstream age of pupila referred la equelly e age of pupila referred la equelly e problem. Given a gancred reluctance to label young children, and the schools. These were approached for similar interviews. All the schools accepted, and two-thirds from each of the other agencies.

The definition of maindjustment varied along two dimensions: how specific is it to education, and how fur is it out emphasis upon oggressive rather that inhibited behaviour?

The special schools pluced equal emphasis no disturbanco in a variety of circumstances and over a range of behaviours; the ministreon schools concentrated on a specific meladiusted schools about the distance of the concentrated on a specific meladiusted schools about the distance of the concentrated on a specific meladiusted schools schools that the

of behaviours; the mainstreom schools concentrated on o specific concept and, although recognizing the spectrum of bohaviours concerned, universally emphasized the characteristics and impact of the spectrum of the spectrum of the spectrum of the spectrum of bohaviours concerned, universally emphasized the characteristics and impact of the spectrum of the spectrum

Denis Mongon is divector of an ILEA guidance centre, and o membar of the NUT Advisory Committee on Special Education. He is writing here in a personul capacity,

A consistent and fair system of sauctions can help to establish the climate within a school in which teuchers can risk unnevating, and children have a secure working only from the fourth.

answered: which sanctions are considered by lorge proportions of the
children to be effective or ineffective and are the children to be effective or ineffective and are the children to be compared to the children to the ch tive, and are there clear differences implrement of parent-between the views held by different received shoot support.

Seven of the ten rewards listed were considered desirable by a high proportion of the children in each of the four years. For five of these, "good marks or grades", "good written continents on week", "1 Mile School, Burnstople.

special conditione", "a letter of prace in parents" and "a god clined report", there was no des difference between the years, show there quarters in each regarding de

three quarters, in each regarding as tenard farmoubly.

Toward, the two other light factoried rewards, "given extra time at less one," and "given extra time at subject some like", there and subject some like", there and subject some like ", there and takinglet merchase in approval through out the school, from the first year in the fourth. Popils also teached this country in "proise in front of other purple,", which was considered effective by a majority of children only in the test year, and "priese only in the test year, and "priese

children have a secure working environment.

At Chellbum Mill School, which caters for uvaladjusted have in 13, formal systems of rewards have how how here the second of the caters for uvaladjusted have been been as a second of the caters for uvaladjusted have been been as a second of the caters for uvaladjusted by the caters for uvaladjus

Two main querious had to be assert into account he deddes sidered by the sanctions are considered by the sanctions are conside

Christmas capers

Heather Neill on the London shows



Contemporary overdrive

Pêter Faming on plays in the South

Rothar up the through its and and madern. Transport mount removing many madern to the play of the play in the south of the play in the property of the play in the south of the play in th

Mary of Buttermere

D. G. Valentine on plays in the North

